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#### ABSTRACT

The Texas Higher Education Forecasting Board began forecasting enrollments in 1979, and the methodology has remained relatively unchanged. However, the 2003 forecast includes a new section that uses the enrollment (participation) forecast to predict statewide degree production in bachelor's and associate's degrees and certificates (success). The report projects student participation and success, based on current trends, to 2015. Participation in Texas institutions of higher education is expected to reach almost 1.17 million students by 2005, for a growth rate of approximately 7.6% over the 3 years. Then, from 2005 to 2010, participation is expected to increase by 5.7% to provide an additional 67,000 students. Growth is expected to increase by an additional 44,000 students by 2015. In all, Texas higher education institutions are expected to enroll nearly 1.3 million students by 2015. Texas public universities are expected to enroll 517,300 students by 2015, and it is expected that Texas public two-year colleges will enroll more than 631,400 students by 2015. Projections indicate that Texas will fall short, however, of awarding the 59,000 associate's degrees and certificates and the 104,000 bachelor's degrees to achieve the "Closing the Gaps by 20015" success goal. An addendum discusses the "Closing the Gaps" report, and an appendix discusses fall continuing education enrollment at public two-year colleges. (Contains 15 tables and 6 graphs.) (SLD)



# Participation and Success Forecast, 2003-2015\*

## Texas Institutions of Higher Education

**Texas Higher Education Coordinating Board** Division of Planning and Information Resources P.O. Box 12788 Austin, TX 78711 (512) 427-6101 http://www.thecb.state.tx.us

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Formerly Study Paper 27, Enrollment Forecast



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Mr. Terdema L. Ussery II	1999-2005	Dallas

#### **Mission of the Coordinating Board**

The Texas Higher Education Coordinating Board's mission is to work with the Legislature, Governor, governing boards, higher education institutions and other entities to provide the people of Texas the widest access to higher education of the highest quality in the most efficient manner.

#### **Philosophy of the Coordinating Board**

The Texas Higher Education Coordinating Board will promote access to quality higher education across the state with the conviction that access without quality is mediocrity and that quality without access is unacceptable. The Board will be open, ethical, responsive, and committed to public service. The Board will approach its work with a sense of purpose and responsibility to the people of Texas and is committed to the best use of public monies. The Coordinating Board will engage in actions that add value to Texas and to higher education; the agency will avoid efforts that do not add value or that are duplicated by other entities.



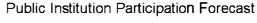
#### Foreword

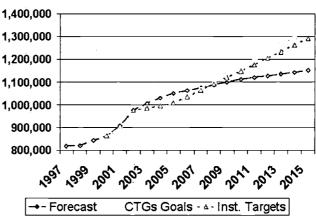
The Coordinating Board began forecasting enrollments in 1979, and the methodology has remained relatively unchanged. However, the 2003 forecast features a new title – *Participation and Success Forecast, 2003-2015* – (replacing the former Enrollment Forecast, Study Paper 27) and includes a new section that uses the enrollment (participation) forecast to predict statewide degree production in bachelor's and associate's degrees and certificates (success).

#### Participation Forecast

Information about enrollment trends and expectations, always fundamental to higher education planning, is even more critical in times of limited resources and growing numbers of students. The methodology employed in this participation forecast is based on past enrollment and population trends related to geographic location, age, and race/ethnicity. The focus on current trends, however, does not reflect possible changes in the rate of high school graduation, increased participation by racial/ethnic groups, or changes in local policies. For that reason, the forecasts are conservative.

Several other
Coordinating Board
efforts study enrollments
in other ways. For
example, in October
2000, the Coordinating
Board developed a new
higher education plan
called Closing the Gaps
by 2015. The plan
established a
participation goal of
enrolling an additional
500,000 students by
2015 to ensure that





Texas educates more of its people. In an effort to determine how to meet these goals, the Coordinating Board asked each public institution to submit ambitious individual institution-level targets for participation (Institutional Targets). This graph demonstrates the difference between the forecasted enrollment noted in this document, *Closing the Gaps (CTG)* goals, and *Closing the Gaps* targets set by institutions.



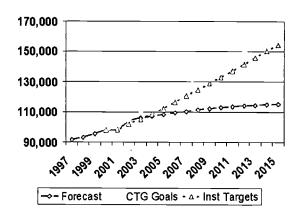
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#### **Success Forecast**

The success forecast is based on the past ratio of degrees and certificates awarded to the enrollment. The ratio trend is applied to the projected enrollment by public sector to forecast the number of certificates and associate, and bachelor degrees that will be awarded in public higher education. This forecast does not reflect possible changes in time-to-degree patterns or demographics during the forecast period.

Closing the Gaps established a success goal that requires doubling the number of degrees and certificates awarded annually. As with the participation goal, public institutions were asked to set ambitious targets for the number of degrees and certificates they would be awarding. The graph illustrates the difference between the success forecast presented in this document, the Closing the Gaps goals, and the Closing the Gaps targets set by institutions.

Public Institution Forecast Certificate, Associate and Bachelor Degrees



#### **Conclusion**

The *Participation and Success Forecast* projects to 2015 the level of student participation and success, based on current trends. Comparisons among these projections, state goals, and targets set by institutions indicate that Texas is not yet on track to meet its goals.



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#### Participation in Texas' Public Colleges and Universities to 2015

Based on current population projections and recent patterns in college and university attendance, participation in Texas' institutions of higher education is expected to reach almost 1.17 million students by 2005. This figure represents an increase of 83,000 students over preliminary 2002 participation, producing a growth rate of approximately 7.6 percent during the three-year period. During the ensuing five-year period—from 2005-2010—participation is expected to increase by 5.7 percent to provide an additional 67,000 students. For the following five-year period—from 2010 to 2015—the growth is expected to increase by an additional 44,00 students. As a result of these increases, Texas higher education institutions are expected to enroll nearly 1.3 million students by 2015.

For public universities, participation is expected to increase to approximately 480,000 students by 2005. This increase of 23,400 students over preliminary 2002 participation is expected from a projected growth rate of 1.7 percent annually. During the ensuing five-year period—from 2005 to 2010—participation is expected to increase at about 1 percent annually to provide nearly 22,400 additional students. For the following five-year period—from 2010 to 2015—the growth is expected to continue at .6 percent annually to give these institutions 15,500 additional students. As a result of these increases, Texas public universities are expected to enroll 517,300 students by 2015.

For public two-year colleges, participation is expected to increase to approximately 568,200 students by 2005. This increase of 51,385 students over preliminary 2002 participation is expected from a projected growth rate of 3.3 percent annually. During the ensuing five-year period—from 2005 to 2010—participation is expected to increase at about 1.3 percent annually to provide nearly 38,000 additional students. For the following five-year period—from 2010 to 2015—the growth is expected to continue at .8 percent annually to give these institutions 25,300 additional students. As a result of these increases, Texas public two-year colleges are expected to enroll more than 631,400 students by 2015.

The following points should be considered when reviewing the forecasts:

 The forecast model is influenced strongly by historical in-state participation patterns at each institution and projected population changes by county. Therefore, these forecasts may not accurately reflect future participation because institutions may recruit students from different areas, the demographics of geographic recruitment bases may change, or institutions may change or impose enrollment limitations.



- Participation may be affected by the Texas economy. Participation has
  usually expanded in times of increasing unemployment, in part because
  students want to prepare for better jobs. The availability of financial aid
  also influences students' decisions to enter or return to college.
- As mentioned previously, Texas' independent institutions widely contribute to providing higher education opportunities to citizens of this state, but their data is not reflected in this report.



Table 1A Fall Headcount Enrollment Forecasts – Texas Institutions of Higher Education

Institutions	Actual 2000	Actual 2001	Actual Preliminary 2001 2002	2003	2004	Forecast 2005	2010	2015
Public Universities	414,626	430,770	455,997	466,965	474,797	479,442	501,828	517,286
Public Two-Year Colleges	447,998	478,313	516,810	540,285	555,122	568,195	606,195	631,401
Independent Colleges and Universities	108,315	111,929	114,402	117,877	120,456	122,666	129,366	132,580
Total, All Institutions	970,939	1,021,012	1,087,209	1,087,209 1,125,127 1,150,375 1,170,304 1,237,345 1,281,267	1,150,375	1,170,304	1,237,345	1,281,267

Table 1B Forecasted Changes in Fall Headcount Enrollment

	2002-2005	05	2005-2010	010	2010-2015	015
Institutions	Number Percent	Percent	Number Percent	Percent	Number Percent	Percent
Public Universities	23,445	5.1%	22,385	4.7%	15,458	15,458 3.1%
Public Two-Year Colleges	51,385	%6.6	37,955	%2'9	25,250	4.1%
Independent Colleges and Universities	8,264	7.2%	6,700	5.5%	3,214	2.5%
Total, All Institutions	83,095	%9.7	67,041	2.7%	43,922	3.5%



Figure 1
Texas Higher Education Coordinating Board
Ten Regions

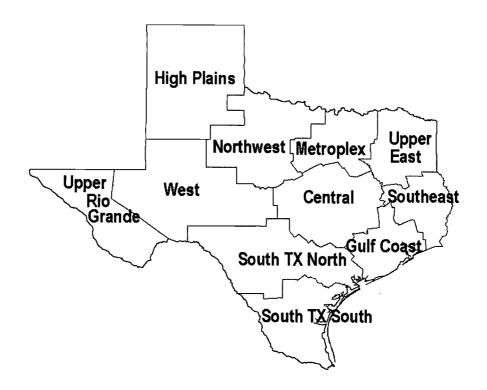




Table 2
Enrollment Projections by Region
Texas Public Institutions of Higher Education

	Actual	Actual	Preliminary		T	Total Projections	Suc	
	2000	2001	2002	2003	2004	2005	2010	2015
Central Texas Region						İ		
Southwest Texas State University	22,423	23,517	25,041	26,906	27,836	28,860	30,567	30,848
Texas A&M University	44,026	44,618	45,083	45,000	45,000	45,000	45,000	45,000
The University of Texas at Austin	49,996	50,616	52,273	52,000	51,000	50,000	48,000	48,000
	116,445	118,751	122,397	123,906	123,836	123,860	123,567	123,848
Austin Community College	25,853	27,577	29,166	30,060	30,602	31,029	32,544	34,429
Blinn College	12,025	12,686	13,809	14,105	14,354	14,682	14,926	14,697
Central Texas College District	6,650	7,231	7,817	8,056	8,117	8,199	8,692	9,225
Hill College	2,506	2,694	2,930	3,172	3,312	3,465	3,770	3,821
McLennan Community College	5,721	6,110	6,565	6,713	6,876	6,931	6,949	6,911
Temple College	3,381	3,579	3,676	3,817	4,031	4,148	4,473	4,678
Texas State Technical College Waco	3,928	4,068	4,237	4,316	4,390	4,449	4,559	4,515
	60,064	63,945	68,200	70,239	71,683	72,902	75,914	78,277
Central Texas Regional Totals	176,509	182,696	190,597	194,145	195,518	196,761	199,481	202,125
Gulf Coast Region								
Prairie View A&M University	609'9	6,747	7,262	7,416	7,564	7,717	8,312	8,412
Sam Houston State University	12,348	12,985	13,079	13,565	13,899	14,183	14,841	14,792
Texas A&M University at Galveston	1,363	1,366	1,576	1,646	1,669	1,689	1,703	1,640
<ul> <li>Texas Southern University</li> </ul>	988'9	8,119	9,739	10,128	10,512	10,707	11,975	12,262
University of Houston	32,123	33,007	34,443	35,186	35,797	33,762	34,614	35,488
University of Houston - Clear Lake	7,580	7,738	7,754	7,928	7,977	8,313	9,243	10,254
University of Houston - Downtown	8,951	9,704	10,528	10,927	11,088	11,237	12,169	13,994
	75,860	29,666	84,381	86,794	88,506	87,609	92,857	96,840
Alvin Community College	3,531	3,667	4,174	4,299	4,382	4,464	4,749	4,933
Brazosport College	3,855	4,022	4,099	4,177	4,249	4,327	4,629	4,869
College of the Mainland	3,159	3,346	3,627	3,800	3,950	4,065	4,180	4,335
Galveston College	2,245	2,207	2,302	2,302	2,339	2,371	2,485	2,507
Houston Community College	33,509	34,714	34,926	35,212	35,805	36,329	38,781	40,638



	Actual	Actual	Preliminary		2	<b>Total Projections</b>	Suc	
	2000	2001	2002	2003	2004	2002	2010	2015
Lee College	6,170	6,226	6,553	6,587	6,674	6,747	7,151	7,468
NHMCC Cy-Fair College**	1	1	3,161	6,260	7,500	9,004	12,000	14,000
NHMCC Kingwood	4,568	5,302	5,976	6,345	6,513	6,688	996'9	7,073
NHMCC Montgomery	5,316	5,776	6,257	6,599	6,826	7,154	8,253	8,970
NHMCC North Harris	9,118	9,972	10,786	10,956	11,189	11,312	11,948	12,442
NHMCC Tomball**	5,902	8,336	8,132	8,393	8,680	8,962	9,890	9,981
San Jacinto College Central Campus	10,816	11,139	11,259	11,843	11,942	12,028	12,341	12,460
San Jacinto College North Campus	4,937	4,976	5,036	5,329	5,381	5,437	5,708	5,891
San Jacinto College South Campus	6,238	6,632	7,229	7,575	7,666	7,745	8,038	8,186
Wharton County Junior College	4,571	5,281	5,775	6,575	6,834	7,076	7,814	7,810
	103,935	111,596	119,292	126,252	129,930	133,708	144,934	151,563
Gulf Coast Regional Totals	179,795	191,262	203,673	213,046	218,436	221,316	237,790	248,403
High Plains Region								
Texas Tech University	24,199	25,416	27,569	28,269	28,769	29,169	29,800	30,300
West Texas A&M University	6,775	6,675	6,814	6,955	7,116	7,223	7,327	7,139
	30,974	32,091	34,383	35,224	35,885	36,392	37,127	37,439
Amarillo College	8,181	8,499	9,144	9,472	9,571	9,622	9.850	10.012
Clarendon College	1,001	880	971	991	966	1,017	1,043	978
Frank Phillips College	1,153	1,242	1,336	1,401	1,398	1,397	1,380	1,324
South Plains College	7,432	8,512	8,994	9,412	9,615	9,716	9,599	9,381
	17,767	19,133	20,445	21,275	21,581	21,752	21,871	21,694
High Plains Regional Totals	48,741	51,224	54,828	56,499	57,466	58,144	58,999	59,133
Metroplex Region								
Tarleton State University	7,545	8,024	8,334	8,664	8,875	9,058	9,489	9,548
Texas A&M - Commerce	7,483	7,934	8,488	8,598	8,729	8,856	9,326	9,564
Texas Woman's University	8,404	7,887	8,736	8,976	9,216	9,441	10,537	11,434
The University of Texas at Arlington	20,424	21,180	23,821	24,464	24,920	25,237	26,748	27,530
The University of Texas at Dallas	10,945	12,455	13,219	13,619	14,112	14,411	15,405	16,242
University of North Texas	27,054	27,858	30,193	30,758	31,297	31,768	33,748	34,928
	81,855	85,338	92,791	95,080	97,148	98,772	105,254	109,245
Collin County Community College	12,704	14,179	15,767	16,775	17,389	18.063	21.530	24.784
DCCCD Brookhaven College	7,687	8,306	9,115	9,501	9,887	10,273	10,825	11,477



	Actual	Actual	Preliminary		T	tal Projections	Suc	
:	2000	2001	2002	2003	2004	2005	2010	2015
DCCCD Cedar Valley	2,799	2,913	4,006	4,195	4,342	4,491	4,779	4,982
DCCCD Eastfield College	7,643	8,462	9,070	9,515	9,973	10,232	10,985	11,505
DCCCD El Centro College	4,366	4,763	5,675	6,192	6,442	6,695	7,264	7,846
DCCCD Mountain View College	4,949	5,729	6,266	6,774	7,180	7,467	8,214	9,035
DCCCD North Lake College	6,764	7,338	8,382	8,862	9,088	9,311	10,000	11,000
DCCCD Richland College	11,958	12,680	13,501	13,915	14,257	14,500	15,144	15,640
Grayson County College	3,260	3,470	3,574	3,664	3,688	3,712	3,746	3,628
Navarro College	3,989	4,411	4,970	5,403	5,673	5,849	6,310	6,243
North Central Texas College	4,794	5,182	6,166	6,404	6,517	6,612	7,174	7,653
Tarrant County Northeast Campus	9,315	10,035	11,192	11,576	11,952	12,221	13,044	13,712
Tarrant County Northwest Campus	4,199	4,648	5,182	5,447	5,601	5,753	6,221	6,642
Tarrant County South Campus	7,062	7,337	8,097	8,452	8,747	9,044	9,620	10,199
Tarrant County Southeast Campus	7,293	7,797	8,424	8,755	9,039	9,319	9,796	10,246
Weatherford College	2,751	3,136	3,605	3,949	4,148	4,337	4,545	4,507
	101,533	110,386	122,992	129,378	133,924	137,881	149,199	159,100
Metroplex Regional Totals	183,388	195,724	215,783	224,457	231,072	236,652	254,453	268,346
Northwest Texas Region		r	0	0	o o	0	C L	0
Midwestern State University	5,812	2,960	6,160	6,274	6,369	6,429	6,529	6,420
Cisco Junior College	2,639	2,716	2,965	3,055	3,122	3,123	3,092	2,980
Ranger Junior College	847	840	894	872	890	906	904	862
Texas State Technical College West Texas	1,563	1,607	1,661	1,702	1,729	1,752	1,759	1,678
Vernon Regional Junior College	2,095	2,269	2,526	2,684	2,735	2,790	2,841	2,826
Western Texas College	1,176	1,323	1,652	1,770	1,859	1,863	1,828	1,735
	8,320	8,755	869'6	10,083	10,334	10,434	10,424	10,081
Northwest Texas Regional Totals	14,132	14,715	15,858	16,357	16,704	16,863	16,953	16,500
South Texas Region								
Sul Ross Rio Grande College	828	810	902	888	906	927	1,036	1,141
Texas A&M - Corpus Christi	6,823	7,369	7,607	7,856	8,102	8,322	8,824	9,059
Texas A&M - Kingsville	5,942	6,148	6,556	6,725	6,888	7,033	7,482	7,645
Texas A&M International	3,038	3,372	3,743	3,915	4,050	4,174	4,837	5,433
The University of Texas at San Antonio	18,830	19,883	22,016	22,659	23,159	23,596	26,017	28,506
The University of Texas Brownsville	3,157	3,494	3,545	3,904	4,005	4,108	4,614	5,055
The University of Texas Pan American	12,760	13,640	14,391	15,118	15,776	16,626	19,032	20,841



	Actual	Actual	Preliminary	2003	TC	Total Projections	ns 2040	2045
11-2:2:	2007	-007	2002	2007	2004	2002	2010	C107
University of Houston - Victoria	1,698	1,927	2,183	2,226	2,254	2,287	2,516	3,005
	53,076	56,643	60,946	63,292	65,141	67,071	74,358	80,684
Alamo Northwest Vista	4,056	5,425	7,076	7,638	8,198	8,448	8,834	8,983
Alamo Palo Alto College	6,370	6,688	6,980	7,285	7,480	7,665	8,362	8,561
Alamo San Antonio College	20,490	21,303	21,473	21,798	22,041	22,246	23,172	23,646
Alamo St. Philip's College	8,286	8,628	9,206	9,514	9,639	9,755	10,332	10,703
Coastal Bend College	3,026	3,095	3,479	3,573	3,612	3,652	3,750	3,751
Del Mar College	9,683	10,246	11,216	11,848	12,047	12,210	12,751	13,005
Laredo Community College	7,284	7,469	7,765	8,073	8,357	8,613	9,984	11,095
South Texas Community College	11,183	12,443	13,720	14,710	15,732	16,485	19,605	22,186
Southwest Texas Junior College	3,716	3,723	4,333	3,887	3,982	4,084	4.458	4.558
Texas Southmost College	7,245	7,210	7,777	8,087	8,334	8,583	9,563	10,173
Texas State Technical College Harlingen	3,266	3,842	4,217	4,662	4,986	5,415	6,147	6,898
Victoria College, The	4,021	4,006	4,029	4,194	4,291	4,368	4,430	4,329
	88,626	94,078	101,271	105,269	108,699	111,524	121,388	127,887
South Texas Regional Totals	141,702	150,721	162,217	168,561	173,840	178,596	195,746	208,571
Southeast Texas Region								
Lamar University	8,568	8,968	9,803	9,914	10,001	10,082	10,051	9,827
Stephen F. Austin State University	11,453	11,525	11,356	11,492	11,690	11,851	12,163	11,900
	20,021	20,493	21,159	21,406	21,691	21,933	22,214	21,728
Angelina	4.376	4.659	4.976	5.020	5.050	5.083	5 161	5 185
Lamar Institute of Technology	2,349	2,448	2.422	2.532	2,565	2.594	2,634	2,50
Lamar-Orange	1,939	2,020	1,977	2,083	2,095	2,107	2.149	2.105
Lamar-Port Arthur	2,508	2,497	2,444	2,449	2,459	2,470	2,501	2,499
	11,172	11,624	11,819	12,084	12,169	12,254	12,444	12,400
Southeast Texas Regional Totals	31,193	32,117	32,978	33,490	33,860	34,187	34,658	34,128
Upper East Texas Region								
Texas A&M - Texarkana	1,195	1,219	1,367	1,422	1,451	1,454	1,491	1,476
The University of Texas at Tyler	3,592	3,732	4,253	4,454	4,663	4,907	5,303	5,762
	4,787	4,951	5,620	5,876	6,114	6,362	6,794	7,238
Kilgore College	3,872	4,026	4,593	4,671	4,750	4,812	4,750	4,585



	0000						0	
	2000	2001	2002	2003	2004	2005	2010	2015
Northeast Texas Community College	1,990	2,203	2,423	2,561	2,593	2,620	2,629	2,575
Panola Junior College	1,422	1,492	1,694	1,692	1,705	1,717	1,685	1,619
Paris Junior College	2,936	3,278	3,659	3,746	3,779	3,813	3,841	3,768
Texarkana College	3,394	3,526	3,538	3,625	3,630	3,618	3,532	3,326
Texas State Technical College Marshall	511	595	909	612	621	626	622	603
Trinity Valley Comm College	4,588	4,604	5,214	5,406	5,495	5,577	5,795	5,856
Tyler Junior College	8,240	8,451	8,947	9,302	9,395	9,461	9,505	9,339
	26,953	28,175	30,674	31,616	31,968	32,245	32,361	31,672
Upper East Texas Regional Totals	31,740	33,126	36,294	37,492	38,083	38,607	39,154	38,910
Upper Rio Grande Region	(	9		(				(
oul Ross State University	2,010	1,992	1,955	2,034	2,085	2,139	2,249	2,246
The University of Texas at El Paso	15,224	16,220	17,232	17,903	18,532	19,130	20,998	22,043
	17,234	18,212	19,187	19,937	20,618	21,269	23,247	24,290
El Paso Community College Dist	17,747	18,356	19,631	20,878	21,416	21,927	24,145	25,569
Upper Rio Grande Regional Totals	34,981	36,568	38,818	40,815	42,033	43,196	47,392	49,858
West Texas Region								
Angelo State University	6,290	6,256	6,268	6,320	6,484	6,593	6,468	6,049
The University of Texas of the Permian Basin	2,272	2,409	2,705	2,856	3,006	3,153	3,413	3,504
	8,562	8,665	8,973	9,176	9,491	9,746	9,881	9,553
Howard College at Big Spring	2,337	2,539	2,655	2,668	2,686	2,685	2,633	2,515
Midland College	4,841	5,060	5,049	5,185	5,228	5,256	5,115	4,863
Odessa College	4,568	4,545	4,949	5,223	5,366	5,487	5,580	5,640
Southwest Collegiate Institute	135	121	135	135	138	140	143	140
	11,881	12,265	12,788	13,211	13,418	13,568	13,471	13,157
West Texas Regional Totals	20,443	20,930	21,761	22,387	22,908	23,314	23,352	22,710

\*\* NHMCCD Cy-Fair College opened in 2003, affecting enrollment at the NHMCCD Tomball campus.



Table 3
Fall Headcount Enrollment Forecasts—Texas Public Universities

2015	6,049 9,827 6,420 8,412 14,792 30,848 11,900 2,246 1,141 9,564 9,564 9,564 1,476 5,433 45,000 12,262 30,300 11,434 27,530	
nents 2010	6,468 10,051 6,529 8,312 14,841 30,567 12,163 2,249 1,703 9,326 8,824 7,482 1,491 4,837 45,000 11,975 29,800 10,537 26,748	15,405 20,998 26,017
Projected Enrollments 2004 2005	6,593 10,082 6,429 7,717 14,183 28,860 11,851 2,139 9,058 8,322 7,033 1,454 4,174 4,174 4,174 4,174 29,169 9,441 25,237	14,411 19,130 23,596
Projec 2004	6,484 10,001 6,369 7,564 13,899 27,836 11,690 2,085 906 8,729 8,729 8,729 4,050 4,050 4,050 4,050 28,769 9,216 24,920 51,000	14,112 18,532 23,159
2003	6,320 9,914 7,416 13,565 26,906 11,492 2,034 8,664 1,646 6,725 1,422 3,915 45,000 10,128 8,976 8,976 24,464	13,619 17,903 22,659
Preliminary 2002	6,268 9,803 6,160 7,262 13,079 25,041 11,356 1,955 8,488 7,607 6,556 1,367 3,743 45,083 9,739 8,739 8,736 27,569 8,736	13,219 17,232 22,016
Actual 2001	6,256 8,968 5,960 6,747 12,985 1,992 1,992 7,934 7,369 6,148 1,219 3,372 44,618 8,119 25,416 7,887 21,180	12,455 16,220 19,883
Actual 2000	6,290 8,568 5,812 6,609 12,348 22,423 11,453 7,545 7,483 6,823 6,823 6,823 6,823 8,404 8,404 8,404 49,996	10,945 15,224 18,830
	Angelo State University Lamar University Midwestern State University Prairie View A&M University Sam Houston State University Southwest Texas State University Sul Ross State University Sul Ross State University Sul Ross State University Texas A&M University at Galveston Texas A&M - Commerce Texas A&M - Texarkana Texas A&M - Texarkana Texas A&M University Texas A&M University Texas A&M University Texas Southern University Texas Southern University Texas Woman's University Texas Woman's University The University of Texas at Arlington The University of Texas at Austin	The University of Texas at Dallas The University of Texas at El Paso The University of Texas at San Antonio



	Actual 2000	Actual 2001	Preliminary 2002	2003	Projected E 2004	ted Enrollments 2005	ents 2010	2015
The University of Texas at Tyler	3,592	3,732	4,253	4,454	4,663	4,907	5,303	5,762
The University of Texas Brownsville The University of Texas Pan American	3,157 12,760	3,494 13,640	3,545 14,391	3,904 15,118	4,005 15,776	4,108 16,626	4,614 19,032	5,055 20,841
The University of Texas of the Permian Basin	2,272	2,409	2,705	2,856	3,006	3,153	3,413	3,504
University of Houston	32,123	33,007	34,443	35,186	35,797	33,762	34,614	35,488
University of Houston - Clear Lake	7,580	7,738	7,754	7,928	7,977	8,313	9,243	10,254
University of Houston - Downtown	8,951	9,704	10,528	10,927	11,088	11,237	12,169	13,994
University of Houston - Victoria	1,698	1,927	2,183	2,226	2,254	2,287	2,516	3,005
University of North Texas	27,054	27,858	30,193	30,758	31,297	31,768	33,748	34,928
West Texas A&M University	6,775	6,675	6,814	6,955	7,116	7,223	7,327	7,139
Universities Statewide Totals	414,626	430,770	455,997	466,964	474,797	479,442	501,828	517,286

Table 4 Forecasted Changes in Fall Headcount Enrollment—Public Universities

	2002-2005	05	2005-2010	10	2010-2015	15
	Number	Percent	Number	Percent	Number	Percent
Angelo State University	325	5.2%	(125)	-1.9%	(419)	-6.5%
Lamar University	279	2.8%	(31)	-0.3%	(223)	-2.2%
Midwestern State University	569	4.4%	100	1.6%	(109)	-1.7%
Prairie View A&M University	455	6.3%	595	7.7%	100	1.2%
Sam Houston State University	1,104	8.4%	657	4.6%	(49)	-0.3%
Southwest Texas State University	3,819	15.2%	1,707	2.9%	281	0.9%
Stephen F. Austin State University	495	4.4%	312	2.6%	(263)	-2.2%
Sul Ross State University	184	9.4%	110	5.2%	(3)	-0.1%
Sul Ross Rio Grande College	22	2.4%	109	11.8%	105	10.1%
Tarleton State University	724	8.7%	431	4.8%	59	%9.0
Texas A&M University at Galveston	113	7.2%	15	%6:0	(64)	-3.7%
Texas A&M - Commerce	368	4.3%	470	5.3%	238	2.6%
Texas A&M - Corpus Christi	715	9.4%	503	%0:9	234	2.7%
Texas A&M - Kingsville	477	7.3%	450	6.4%	163	2.2%
Texas A&M - Texarkana	87	6.4%	37	2.5%	(15)	-1.0%
Texas A&M International	431	11.5%	663	15.9%	296	12.3%
Texas A&M University	(83)	-0.2%	•	0.0%	•	%0.0
Texas Southern University	896	86.6	1,268	11.8%	286	2.4%
Texas Tech University	1,600	2.8%	631	2.2%	200	1.7%
Texas Woman's University	202	8.1%	1,097	11.6%	897	8.5%
The University of Texas at Arlington	1,416	2.9%	1,510	%0.9	782	2.9%
The University of Texas at Austin	(2,273)	-4.3%	(2,000)	-4.0%	•	%0.0
The University of Texas at Dallas	1,192	%0.6	994	%6.9	836	5.4%
The University of Texas at El Paso	1,898	11.0%	1,868	8.6	1,045	2.0%
The University of Texas at San Antonio	1,580	7.2%	2,421	10.3%	2,489	<b>%9</b> :6
The University of Texas at Tyler	654	15.4%	395	8.1%	459	8.7%
The University of Texas Brownsville	563	15.9%	909	12.3%	441	9.6%



	2002-2005	005	2005-20	01	2010-2015	15
	Number	Percent	Number	Percent	Number	Percent
The University of Texas Pan American	2,235	15.5%	2,406	14.5%	1,808	9.5%
The University of Texas of the Permian Basin	448	16.6%	259	8.2%	91	2.7%
University of Houston	(681)	-2.0%	852	2.5%	874	2.5%
University of Houston - Clear Lake	. 559	7.2%	930	11.2%	1,011	10.9%
University of Houston - Downtown	402	6.7%	931	8.3%	1,825	15.0%
University of Houston - Victoria	104	4.8%	229	10.0%	489	19.5%
University of North Texas	1,575	5.2%	1,981	6.2%	1,179	3.5%
West Texas A&M University	409	%0.9	104	1.4%	(188)	-2.6%
Universities Statewide	23,445	5.1%	22,385	4.7%	15,458	3.1%



Table 5
Fall Headcount Participation Forecast—Two-year Colleges

	4					:		
	Actual	Actual	Preliminary		Projec	ted Enrollm		
	2000	2001	2002	2003	2004	2004 2005	2010	2015
Alamo Northwest Vista	4,056	5,425	7,076	7,638	8.198	8.448	8.834	8.983
Alamo Palo Alto College	6,370	6,688	6,980	7,285	7,480	7,665	8,362	8,561
Alamo San Antonio College	20,490	21,303	21,473	21,798	22,041	22,246	23,172	23,646
Alamo St. Philip's College	8,286	8,628	9,206	9,514	9,639	9,755	10,332	10,703
Alvin Community College	3,531	3,667	4,174	4,299	4,382	4,464	4,749	4,933
Amarillo College	8,181	8,499	9,144	9,472	9,571	9,622	9,850	10,012
Angelina	4,376	4,659	4,976	5,020	5,050	5,083	5,161	5,185
Austin Community College	25,853	27,577	29,166	30,060	30,602	31,029	32,544	34,429
Blinn College	12,025	12,686	13,809	14,105	14,354	14,682	14,926	14,697
Brazosport College	3,855	4,022	4,099	4,177	4,249	4,327	4,629	4,869
Central Texas College District	6,650	7,231	7,817	8,056	8,117	8,199	8,692	9,225
Cisco Junior College	2,639	2,716	2,965	3,055	3,122	3,123	3,092	2,980
Clarendon College	1,001	880	971	991	966	1,017	1,043	978
Coastal Bend College	3,026	3,095	3,479	3,573	3,612	3,652	3,750	3,751
College of the Mainland	3,159	3,346	3,627	3,800	3,950	4,065	4,180	4,335
Collin County Community College	12,704	14,179	15,767	16,775	17,389	18,063	21,530	24,784
DCCCD Brookhaven College	7,687	8,306	9,115	9,501	6,887	10,273	10,825	11,477
DCCCD Cedar Valley	2,799	2,913	4,006	4,195	4,342	4,491	4,779	4,982
DCCCD Eastfield College	7,643	8,462	9,070	9,515	9,973	10,232	10,985	11,505
DCCCD El Centro College	4,366	4,763	5,675	6,192	6,442	6,695	7,264	7,846
DCCCD Mountain View College	4,949	5,729	6,266	6,774	7,180	7,467	8,214	9,035
DCCCD North Lake College	6,764	7,338	8,382	8,862	9,088	9,311	10,000	11,000
DCCCD Richland College	11,958	12,680	13,501	13,915	14,257	14,500	15,144	15,640
Del Mar College	6,683	10,246	11,216	11,848	12,047	12,210	12,751	13,005
El Paso Community College Dist	17,747	18,356	19,631	20,878	21,416	21,927	24,145	25,569
Frank Phillips College	1,153	1,242	1,336	1,401	1,398	1,397	1,380	1,324
Galveston College	2,245	2,207	2,302	2,302	2,339	2,371	2,485	2,507
Grayson County College	3,260	3,470	3,574	3,664	3,688	3,712	3,746	3,628
Hill College	2,506	2,694	2,930	3,172	3,312	3,465	3,770	3,821
Houston Community College	33,509	34,714	34,926	35,212	35,805	36,329	38,781	40,638



Howard College at Big Spring   2,337   2,539   2,655   2,668   2,685   2,685   2,685   2,685   2,685   2,685   2,685   2,685   2,685   2,685   2,685   2,448   2,448   2,422   2,532   2,555   2,107   2,539   2,020   1,977   2,083   2,107   2,594   2,448   2,449   2,449   2,495   2,107   2,083   2,107   2,688   2,107   2,688   2,687   2,107   2,688   2,107   2,688   2,448   2,449		Actual	Actual	Preliminary		Project	Projected Enrollments	ents	
Kilgore College at Big Spring         2,337         2,539         2,655         2,668         2,686         2,685           Kilgore College at Big Spring         3,872         4,026         4,593         4,671         4,750         4,812           Lamar-Dange Lamar Institute of Technology         2,349         2,448         2,442         2,532         2,595         2,107           Lamar-Port Arthur         2,508         2,497         2,444         2,449         2,459         2,470           Leaded Community College         6,110         6,226         8,771         6,110         6,565         6,747         8,37         8,13         8,13         8,13         8,13         8,13         8,13         8,13         8,13         8,13         8,13         8,13         8,14         1,149         1,131         1,149         1,131         1,149         1,131		2000	2001	2002	2003	2004	2005	2010	2015
Kilgore College         3,727         4,026         4,593         4,671         4,750         4,812           Lamar Institute of Technology         1,349         2,448         2,422         2,532         2,568         2,470           Lamar Port Arthur         2,008         2,447         2,449         2,459         2,470           Lamar Port Arthur         2,008         2,447         2,449         2,459         2,470           Laredo Community College         6,170         6,226         6,773         6,877         6,873         6,171           McLennan Community College         6,770         6,226         6,773         6,875         6,773         6,875         6,774         6,774         6,774         6,775	Howard College at Big Spring	2 337	2 530	2 655	2 668	2 686	2 685	2633	2 515
Numbroc Overlage  Numbroc Numbroc Overlage  Numbroc Numbroc Overlage  Numbroc Numbroc Overlage  Numbroc Numbroc Numbroc Overlage  Numbroc	יייייייייייייייייייייייייייייייייייייי	2,00,0	2,039	2,007	2,000	2,000	2,003	7,007	0,7
Lamar Institute of Technology         2,349         2,448         2,452         2,556         2,594           Lamar-Orange         1,939         2,020         1,977         2,444         2,565         2,107           Lamar-Orange         2,088         2,977         2,444         2,449         2,459         2,470           Lanar-Por Affutur         2,089         2,470         2,444         2,449         2,459         2,470           Lanar-Por Affutur         2,089         2,470         2,444         2,449         2,459         2,470           Lee College         6,170         6,226         6,573         6,876         6,331         8,613         8,613         8,613         8,613         8,613         8,613         8,613         8,618         8,714         6,749         <	Kligore College	3,872	4,026	4,593	4,671	4,750	4,812	4,750	4,585
Lamar-Orange         1,939         2,020         1,977         2,083         2,107           Lamar-Orange         Lamar-Orange         1,939         2,020         1,977         2,083         2,107           Lamar Community College         7,244         7,444         2,449         2,449         2,449         2,470           Lee College         7,244         7,446         6,226         6,553         6,587         6,773         8,374         8,137         8,137         8,137         8,137         8,137         8,147         6,174         6,747         6,174         6,747         6,174         6,747         6,174         6,747         6,174         6,747         6,174	Lamar Institute of Technology	2,349	2,448	2,422	2,532	2,565	2,594	2,634	2,610
2,508 2,497 2,444 2,449 2,459 2,470 7,284 7,469 7,765 8,073 8,357 8,613 6,170 6,226 6,553 6,587 6,674 6,747 6,110 6,565 6,713 6,876 6,931 4,841 5,060 5,049 5,185 5,228 5,256 3,989 4,411 4,970 5,403 5,673 5,849 5,316 5,776 6,245 6,599 6,826 7,154 9,118 9,972 10,786 10,956 11,189 11,312 8,902 2,030 8,462 6,404 6,517 6,612 1,990 2,203 2,423 2,561 2,593 5,881 8,180 8,662 4,568 4,545 4,949 5,223 5,366 5,487 1,422 1,492 1,694 1,692 1,705 1,717 2,936 3,278 3,659 5,329 5,381 8,491 1,139 11,319 11,319 11,329 11,312 8,313 8,40 8,404 6,517 6,612 1,492 1,694 1,692 1,705 1,705 1,717 2,936 3,278 3,659 5,329 5,381 8,40 8,494 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 13,720 14,710 15,732 16,485 13,720 14,710 15,732 16,485 11,183 12,443 11,192 11,576 11,952 12,221 1,705 11,192 11,192 11,576 11,952 12,221 1,705 11,192 11,576 11,952 12,221 1,705 11,192 11,576 11,952 12,221 1,705 11,192 11,192 11,576 11,952 12,221 1,705 11,192 11,193 1	Lamar-Orange	1,939	2,020	1,977	2,083	2,095	2,107	2,149	2,105
Laredo Community College Lee College Lee College McLennan Community College Lef College Midland College McLennan Community College McLennan Community College Midland College Navarro College NHMCC Cy-Fair College NHMCC Worldgomery NHMCC Worldgomery NHMCC Montgomery North Central Texas College North Central Texas College North Coll	Lamar-Port Arthur	2,508	2,497	2,444	2,449	2,459	2,470	2,501	2,499
Lee College         6,170         6,226         6,553         6,587         6,747         6,747           McLennan Community College         4,841         5,060         5,049         5,185         6,773         6,871         6,876         6,347           Midland College         4,841         5,060         5,049         5,185         5,256           NAMACC Cy-Fair College         -         -         4,670         5,403         5,673         5,849           NHMCC Morigomeny         -         -         4,568         5,302         5,976         6,280         7,500         9,004           NHMCC Morigomeny         -         -         4,568         5,376         6,287         6,580         6,889         8,989           NHMCC Morigomeny         9,118         9,972         10,786         10,986         1,389         1,372           NHMCC Morigomeny         9,118         9,972         10,786         10,986         1,389         1,371           NHMCC Morigomeny         1,189         9,728         6,146         6,517         6,612           North Central Texas Community College         1,729         1,422         1,492         1,690         5,223         5,561         2,593         8,746<	Laredo Community College	7,284	7,469	7,765	8,073	8,357	8,613	9,984	11,095
McLennan Community College         5,721         6,110         6,565         6,713         6,876         6,931           Midland College         4,841         5,060         5,049         5,185         5,228         5,256           NHMCC Cy-Fair College***         -         3,161         6,660         7,500         9,004           NHMCC Montgomery         4,568         5,302         5,976         6,345         6,513         6,688           NHMCC Montgomery         5,316         5,776         6,257         6,596         17,150           NHMCC Montgomery         9,118         9,972         10,786         11,189         11,182           NHMCC Montgomery         1,189         8,376         6,539         6,613         6,618           NHMCC Montgomery         5,316         5,776         6,257         6,596         11,189         11,132           NHMCC Montgomery         1,180         1,280         2,203         8,378         8,680         8,662           NHMCC Montgomery         1,180         2,203         8,746         6,174         6,174           North Campul         1,280         2,203         2,433         8,680         8,622           North Campul         1,130	Lee College	6,170	6,226	6,553	6,587	6,674	6,747	7,151	7,468
Midland College         4,841         5,060         5,049         5,185         5,226         5,256           Navarro College         3,989         4,411         4,970         5,403         5,673         5,849           NHMCC Cyt-air College***         -         -         3,161         6,260         7,500         9,004           NHMCC Kingwood         4,568         5,302         5,376         6,257         6,599         6,826         7,154           NHMCC North Harris         5,318         5,776         6,257         6,599         6,826         7,154           NHMCC North Harris         5,302         8,336         8,132         8,860         8,962           NHMCC North Harris         0,188         1,794         5,182         6,166         6,404         6,517         6,688           NHMCC North Harris         0,189         4,545         4,949         5,223         8,620         7,154           NHMCC North Harris         0,180         4,545         4,949         5,223         5,366         5,487           NHMCC North Harris         0,180         4,545         4,949         5,223         5,366         5,487           North College         0,180         4,545         4,949	McLennan Community College	5,721	6,110	6,565	6,713	6,876	6,931	6,949	6,911
Navarro College NHMCC Cyr-Fair College**  NHMCC Montgomery Northeast Texas College North Central Texas College Panola Junior College Panola Junior College Panola Junior College San Jacinto College Central Campus San Jacinto College Central Campus San Jacinto College South Campus San Jacinto College South Campus San Jacinto College North Campus San Jacinto College South Campus San Jacinto College North Campus San Jacinto College South Campus San Jacinto College North Campus San Jacinto College North Campus San Jacinto College South Plains College South Pains College Southwest College T, 732 T, 732 T, 732 T, 733	Midland College	4,841	5,060	5,049	5,185	5,228	5,256	5,115	4,863
NHMCC Cy-Fair College**  NHMCC Kingwood  NHMCC Kingwood  NHMCC Kingwood  NHMCC Kingwood  NHMCC Montgomery  NHMCC Montgomery  NHMCC Montgomery  NHMCC Montgomery  NHMCC Montgomery  NHMCC Tomball**  North Central Texas College  North Central Texas College  North Central Texas College  North Central Texas Community College  North Central College  North College  North Central College  North Central College  North College  San Jacinto College Central Campus  San Jacinto College Central Campus  San Jacinto College South Campus  South Plains College  South Plains Col	Navarro College	3,989	4,411	4,970	5,403	5,673	5,849	6,310	6,243
NHMCC Kingwood  4,568 5,302 5,976 6,345 6,513 6,688  NHMCC Montgomery  NHMCC Tomball**  S,902 8,336 8,132 8,393 8,680 8,962  North Central Texas College  North Central Texas College  North Central Texas Community College  North Central Texas Community College  North Central Texas Community College  North Central Campus  Ranger Junior College  Ranger Junior Coll	NHMCC Cy-Fair College**	•	1	3,161	6,260	7,500	9,004	12,000	14,000
NHMCC Montgomery  NHMCC Montgomery  NHMCC Montgomery  NHMCC North Harris  NHMCC North Harris  NHMCC North Harris  NHMCC North Harris  NHMCC Tomball**  NHMCC Tomball**  NHMCC Tomball**  NHMCC Tomball**  NHMCC Tomball**  North Central Texas College  North Central Texas College  A,794  A,794  B,333  B,680  B,962  A,794  B,718   NHMCC Kingwood	4,568	5,302	5,976	6,345	6,513	6,688	996'9	7,073	
NHMCC North Harris  NHMCC Tomball**  NHMCC Tomball**  NHMCC Tomball**  NHMCC Tomball**  NHMCC Tomball**  North Central Texas College  North central Texas College  North central Texas College  North central Texas College  North central Texas Community College  North central Ce		5,316	5,776	6,257	6,599	6,826	7,154	8,253	8,970
5,902 8,336 8,132 8,393 8,680 8,962 4,794 5,182 6,166 6,404 6,517 6,612 4,794 5,182 6,166 6,404 6,517 6,612 1,990 2,203 2,423 2,561 2,593 2,620 4,568 4,545 4,949 5,223 5,366 5,487 1,422 1,492 1,694 1,692 1,705 1,717 2,936 3,278 3,659 3,746 3,779 3,813 847 840 894 872 890 906 10,816 11,139 11,259 11,843 11,942 12,028 4,937 4,976 5,036 5,329 5,381 5,437 6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 11,183 12,443 13,720 14,710 15,732 16,485 12,221 4,199 4,648 5,182 5,447 5,601 5,753		9,118	9,972	10,786	10,956	11,189	11,312	11,948	12,442
He 4,794 5,182 6,166 6,404 6,517 6,612 1,990 2,203 2,423 2,561 2,593 2,620 4,568 4,545 4,949 5,223 5,366 5,487 1,422 1,492 1,694 1,692 1,705 1,717 2,936 3,278 3,659 3,746 3,779 3,813 847 840 894 872 890 906 10,816 11,139 11,259 11,843 11,942 12,028 4,937 4,976 5,036 5,329 5,381 5,437 6,238 6,632 7,229 7,575 7,666 7,745 1,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 135 12,1443 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753 7,004	NHMCC Tomball**	5,902	8,336	8,132	8,393	8,680	8,962	068'6	9,981
le 1,990 2,203 2,423 2,561 2,593 2,620 4,568 4,545 4,949 5,223 5,366 5,487 1,422 1,492 1,694 1,692 1,705 1,717 2,936 3,278 3,659 3,746 3,779 3,813 847 840 894 872 890 906 10,816 11,139 11,259 11,843 11,942 12,028 4,937 4,937 4,976 5,036 5,329 5,381 5,437 6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 121 135 121 135 138 140 3,716 3,723 4,333 3,887 3,982 4,084 9,412 9,315 10,035 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	North Central Texas College	4,794	5,182	6,166	6,404	6,517	6,612	7,174	7,653
4,568 4,545 4,949 5,223 5,366 5,487 1,422 1,492 1,694 1,692 1,705 1,717 2,936 3,278 3,659 3,746 3,779 3,813 847 840 894 872 890 906 10,816 11,139 11,259 11,843 11,942 12,028 4,937 4,976 5,036 5,329 5,381 5,437 6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 13,723 4,333 3,887 3,982 4,084 9,315 10,035 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	Northeast Texas Community College	1,990	2,203	2,423	2,561	2,593	2,620	2,629	2,575
1,422 1,492 1,694 1,692 1,705 1,717 2,936 3,278 3,659 3,746 3,779 3,813 847 840 894 872 890 906 906 10,816 11,139 11,259 11,843 11,942 12,028 4,937 4,976 5,036 5,329 5,381 5,437 6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 12,11 135 12,11 135 12,11 135 12,11 135 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	Odessa College	4,568	4,545	4,949	5,223	5,366	5,487	5,580	5,640
2,936 3,278 3,659 3,746 3,779 3,813 847 840 894 872 890 906 848 11,439 11,259 11,843 11,942 12,028 4,937 4,976 5,036 5,329 5,381 5,437 6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 135 12,443 13,720 14,710 15,732 16,485 3,716 3,723 4,333 3,887 3,982 4,084 9,315 10,035 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	Panola Junior College	1,422	1,492	1,694	1,692	1,705	1,717	1,685	1,619
847 840 894 872 890 906  10,816 11,139 11,259 11,843 11,942 12,028  4,937 4,976 5,036 5,329 5,381 5,437  6,238 6,632 7,229 7,575 7,666 7,745  7,432 8,512 8,994 9,412 9,615 9,716  11,183 12,443 13,720 14,710 15,732 16,485  135 121 135 138 140  3,716 3,723 4,333 3,887 3,982 4,084  9,315 10,035 11,192 11,576 11,952 12,221  4,199 4,648 5,182 5,447 5,601 5,753	Paris Junior College	2,936	3,278	3,659	3,746	3,779	3,813	3,841	3,768
10,816 11,139 11,259 11,843 11,942 12,028 4,937 4,976 5,036 5,329 5,381 5,437 5,437 6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 135 138 140 3,716 3,723 4,333 3,887 3,982 4,084 9,315 10,035 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	Ranger Junior College	847	840	894	872	890	906	904	862
4,937       4,976       5,036       5,329       5,381       5,437         6,238       6,632       7,229       7,575       7,666       7,745         7,432       8,512       8,994       9,412       9,615       9,716         11,183       12,443       13,720       14,710       15,732       16,485         135       121       135       138       140         3,716       3,723       4,333       3,887       3,982       4,084         9,315       10,035       11,192       11,576       11,952       12,221         4,199       4,648       5,182       5,447       5,601       5,753         7,63       7,23       6,63       6,64       6,44       6,45	San Jacinto College Central Campus	10,816	11,139	11,259	11,843	11,942	12,028	12,341	12,460
6,238 6,632 7,229 7,575 7,666 7,745 7,432 8,512 8,994 9,412 9,615 9,716 11,183 12,443 13,720 14,710 15,732 16,485 135 135 138 140 3,716 3,723 4,333 3,887 3,982 4,084 9,315 10,035 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	San Jacinto College North Campus	4,937	4,976	5,036	5,329	5,381	5,437	5,708	5,891
7,432 8,512 8,994 9,412 9,615 9,716 15,732 16,485 12,443 13,720 14,710 15,732 16,485 140 135 135 138 140 140 15,732 16,485 140 15,732 16,485 140 121 135 138 140 14,084 10,035 11,192 11,576 11,952 12,221 10,035 11,192 11,576 11,952 12,221 10,035 11,952 12,221 10,035 11,576 11,952 12,753 10,035 12,004 10,005 10	San Jacinto College South Campus	6,238	6,632	7,229	7,575	2,666	7,745	8,038	8,186
ge 11,183 12,443 13,720 14,710 15,732 16,485 136 135 136 140 140 15,732 16,485 140 15,732 16,485 140 135 136 140 140 15,732 16,485 140 14,084 140 11,192 11,576 11,952 12,221 10,035 11,192 11,576 11,952 12,221 10,035 11,952 12,221 10,035 11,576 11,952 12,753 10,035 12,753 10,035 11,092 11,576 11,952 12,753 10,035 12,182 11,576 11,952 12,753 10,035 12,182 12,	South Plains College	7,432	8,512	8,994	9,412	9,615	9,716	9,599	9,381
ge 3,716 3,723 4,333 3,887 3,982 4,084 and a second	South Texas Community College	11,183	12,443	13,720	14,710	15,732	16,485	19,605	22,186
ge 3,716 3,723 4,333 3,887 3,982 4,084 npus 9,315 10,035 11,192 11,576 11,952 12,221 npus 4,199 4,648 5,182 5,447 5,601 5,753	Southwest Collegiate Institute	135	121	135	135	138	140	143	140
9,315 10,035 11,192 11,576 11,952 12,221 4,199 4,648 5,182 5,447 5,601 5,753	Southwest Texas Junior College	3,716	3,723	4,333	3,887	3,982	4,084	4,458	4,558
4,199 4,648 5,182 5,447 5,601 5,753	Tarrant County Northeast Campus	9,315	10,035	11,192	11,576	11,952	12,221	13,044	13,712
7 062 7 227 8 007 8 463 8 747 8 044	Tarrant County Northwest Campus	4,199	4,648	5,182	5,447	5,601	5,753	6,221	6,642
7,002 7,137 8,037 8,432 8,144	Tarrant County South Campus	7,062	7,337	8,097	8,452	8,747	9,044	9,620	10,199



	Actual	Actual	Preliminary		Proje	cted Enrolln	nents	
	2000	2001	2002	2003	2004	2004 2005	2010	2015
Tarrant County Southeast Campus	7,293	7,797	8,424	8,755	9,039	9,319	9,796	10,246
Temple College	3,381	3,579	3,676	3,817	4,031	4,148	4,473	4,678
Texarkana College	3,394	3,526	3,538	3,625	3,630	3,618	3,532	3,326
Texas Southmost College	7,245	7,210	7,777	8,087	8,334	8,583	9,563	10,173
Texas State Technical College Harlingen	3,266	3,842	4,217	4,662	4,986	5,415	6,147	6,898
Texas State Technical College Marshall	511	262	909	612	621	626	622	603
Texas State Technical College Waco	3,928	4,068	4,237	4,316	4,390	4,449	4,559	4,515
Texas State Technical College West Texas	1,563	1,607	1,661	1,702	1,729	1,752	1,759	1,678
Trinity Valley Comm College	4,588	4,604	5,214	5,406	5,495	5,577	5,795	5,856
Tyler Junior College	8,240	8,451	8,947	9,302	9,395	9,461	9,505	9,339
Vernon Regional Junior College	2,095	2,269	2,526	2,684	2,735	2,790	2,841	2,826
Victoria College, The	4,021	4,006	4,029	4,194	4,291	4,368	4,430	4,329
Weatherford College	2,751	3,136	3,605	3,949	4,148	4,337	4,545	4,507
Western Texas College	1,176	1,323	1,652	1,770	1,859	1,863	1,828	1,735
Wharton County Junior College	4,571	5,281	5,775	6,575	6,834	7,076	7,814	7,810
Two-Year Colleges Statewide	447,998	478,313	516,810	540,285	555,122	568,195	606,195	631,401

\*\* NHMCCD Cy-Fair College opened in 2003 affecting enrollment at the NHMCCD Tomball campus.



Table 6 Forecasted Changes in Fall Headcount Participation—Public Two-year Colleges

	2002	2002-2005	2005-2010	2010	2010-2015	115
	Number	Doront	Nimbor	Dorona	Nimbor	00000
	in i	בופונים	אַמווּאַמּ	בפונפוו	DOLLON.	
Alamo Northwest Vista	1,372	19.4%	386	4.6%	149	1.7%
Alamo Palo Alto College	685	9.8%	269	9.1%	198	2.4%
Alamo San Antonio College	773	3.6%	926	4.2%	473	2.0%
Alamo St. Philip's College	549	%0:9	277	2.9%	371	3.6%
Alvin Community College	290	7.0%	285	6.4%	184	3.9%
Amarillo College	478	5.2%	229	2.4%	161	1.6%
Angelina	107	2.2%	77	1.5%	24	0.5%
Austin Community College	1,863	6.4%	1,515	4.9%	1,885	5.8%
Blinn College	873	6.3%	244	1.7%	(523)	-1.5%
Brazosport College	228	2.6%	302	7.0%	240	5.2%
Central Texas College District	382	4.9%	494	%0.9	532	6.1%
Cisco Junior College	158	5.3%	(30)	-1.0%	(113)	-3.6%
Clarendon College	46	4.7%	26	2.6%	(65)	-6.2%
Coastal Bend College	173	2.0%	86	2.7%	•	%0.0
College of the Mainland	438	12.1%	115	2.8%	155	3.7%
Collin County Community College	2,296	14.6%	3,467	19.2%	3,253	15.1%
DCCCD Brookhaven College	1,158	. 12.7%	552	5.4%	652	%0.9
DCCCD Cedar Valley	485	12.1%	288	6.4%	203	4.3%
DCCCD Eastfield College	1,162	12.8%	753	7.4%	520	4.7%
DCCCD El Centro College	1,020	18.0%	569	8.5%	582	8.0%
DCCCD Mountain View College	1,201	19.2%	747	10.0%	821	10.0%
DCCCD North Lake College	929	11.1%	689	7.4%	1,000	10.0%
DCCCD Richland College	666	7.4%	644	4.4%	496	3.3%
Del Mar College	994	8.9%	541	4.4%	254	2.0%
El Paso Community College Dist	2,296	11.7%	2,218	10.1%	1,424	2.9%
Frank Phillips College	61	4.6%	(18)	-1.3%	(22)	4.0%
Galveston College	69	3.0%	114	4.8%	22	%6.0



	2002-2005	005	2005-2010	10	2010-2015	015
	Number	Percent	Number	Percent	Number	Percent
,						
Grayson County College	138	3.9%	34	%6.0	12)	-3.2%
Hill College	535	18.2%	305	8.8%	51	1.4%
Houston Community College	1,403	4.0%	2,452	6.7%	1,857	4.8%
Howard College at Big Spring	30	1.1%	(52)	-1.9%	(118)	4.5%
Kilgore College	219	4.8%	(62)	-1.3%	(165)	-3.5%
Lamar Institute of Technology	172	7.1%	40	1.5%	(23)	-0.9%
Lamar-Orange	130	%9:9	42	2.0%	(44)	-2.0%
Lamar-Port Arthur	26	1.0%	31	1.3%	(E)	0.0%
Laredo Community College	848	10.9%	1,371	15.9%	1,111	11.1%
Lee College	194	3.0%	405	%0.9	317	4.4%
McLennan Community College	366	2.6%	18	0.3%	(38)	-0.5%
Midland College	207	4.1%	(141)	-2.7%	(252)	4.9%
Navarro College	879	17.7%	461	7.9%	(67)	-1.1%
NHMCC Cy-Fair College**	5,843	184.8%	2,996	33.3%	2,000	16.7%
NHMCC Kingwood	712	11.9%	278	4.2%	107	1.5%
NHMCC Montgomery	897	14.3%	1,099	15.4%	717	8.7%
NHMCC North Harris	526	4.9%	636	2.6%	495	4.1%
NHMCC Tomball**	830	10.2%	928	10.4%	91	%6.0
North Central Texas College	446	7.2%	562	8.5%	478	6.7%
Northeast Texas Community College	197	8.2%	80	0.3%	(54)	-2.0%
Odessa College	538	10.9%	93	1.7%	9	1.1%
Panola Junior College	. 73	1.4%	(32)	-1.9%	(99)	-3.9%
Paris Junior College	154	4.2%	28	0.7%	(73)	-1.9%
Ranger Junior College	12	1.3%	(2)	-0.2%	(41)	4.6%
San Jacinto College Central Campus	692	6.8%	313	2.6%	119	1.0%
San Jacinto College North Campus	401	8.0%	272	2.0%	183	3.2%
San Jacinto College South Campus	516	7.1%	294	3.8%	148	1.8%
South Plains College	722	8.0%	(118)	-1.2%	(218)	-2.3%
South Texas Community College	2,765	20.2%	3,120	18.9%	2,581	13.2%



	200	2002-2005	2005-2010	010	2010-2015	2015
	Number	Percent	Number	Percent	Number	Percent
Southwest Collegists Institute	ď	3 7%	ď	2.4%	(3)	-2 4%
	2 (	2 2	776	ìò	(2)	) oc c
Southwest Texas Junior College	(249)	-5.7%	3/4	9.7%	33	0.7.7
Tarrant County Northeast Campus	1,029	9.5%	823	6.7%	699	5.1%
Tarrant County Northwest Campus	571	11.0%	468	8.1%	421	8.9
Tarrant County South Campus	947	11.7%	929	6.4%	579	%0.9
Tarrant County Southeast Campus	895	10.6%	477	5.1%	450	4.6%
Temple College	472	12.8%	325	7.8%	205	4.6%
Texarkana College	80	2.3%	(98)	-2.4%	(202)	-5.8%
Texas Southmost College	806	10.4%	626	11.4%	610	6.4%
Texas State Technical College Harlingen	1,198	28.4%	732	13.5%	751	12.2%
Texas State Technical College Marshall	20	3.3%	(4)	-0.6%	(19)	-3.1%
Texas State Technical College Waco	212	2.0%	110	2.5%	(44)	-1.0%
Texas State Technical College West Texas	91	2.5%	7	0.4%	(81)	-4.6%
Trinity Valley Comm College	363	7.0%	218	3.9%	61	1.0%
Tyler Junior College	514	2.7%	45	0.5%	(166)	-1.8%
Vernon Regional Junior College	264	10.5%	51	1.8%	(15)	-0.5%
Victoria College, The	339	8.4%	62	1.4%	(100)	-2.3%
Weatherford College	732	20.3%	208	4.8%	(68)	%6·0-
Western Texas College	211	12.8%	(32)	-1.9%	(63)	-5.1%
Wharton County Junior College	1,301	22.5%	738	10.4%	(4)	-0.1%
Two-Year Colleges Statewide	51,385	%6.6	37,955	6.7%	25,250	4.1%

\*\* NHMCCD Cy-Fair College opened in 2003 affecting enrollment at the NHMCCD Tomball campus.



**Participation** Forecast ocal conditions for institutions' policies and Adjustment Adjust in-state 2005 and 2010 Institution for forecast by institution Forecast by participation 2003, 2004, between in-state **Draft total** and non-resident participation by Historical ratio institution Participation Forecast Development Process Texas Higher Education Coordinating Board in-state participation/y institution Use "best fit" rate & And select "best fit" rate for each pop. To forecast 2002, 2003, 2005, 2010 and 2015 2002 preliminary participation 3-forecasts with preliminary institution Fall 2002 in-state institution Compare Figure 2 2002 for each forecasts for institution 3-in-state county/age/ethnicity 2003, 2004 2005, 2010, 2015 Texas pop. By participationt by institution/ **Participation** county/age/ county/age/ Institutions' (1997-2001)Historical 3-in-state ethnicity ethnicity rates 2002 2001



#### Texas Public College and University Participation Forecasts

#### Concept

Participation forecasts were made for each of the public colleges and universities. Aggregate participation forecasts for the 35 public universities, the 50 public community college districts, four public technical colleges, and three state colleges were determined by summing institutional fall headcount enrollments. The forecast methodology employed five years of age- and racial/ethnic-specific historical participation by Texas counties. These participation data were combined with age- and racial/ethnic-specific demographic data. The forecast model used multiple regression analysis techniques modified by expected participation policies and other conditions affecting participation at individual institutions. A general description follows:

- In-state participation, which reflects in-state students, is based on population estimates. Five-year (1997-2001) historical participation by county, age groups, and racial/ethnic groups (Hispanic, Black, White, and Other) for each institution were combined with compatible population data to develop three alternative, age-specific participation rates for each of the four racial/ethnic groups in each of the 254 counties for 2002. These rates, combined with 2002 population estimates, were used to compute three alternative in-state participation levels for each institution for 2002.
- The three alternative forecasts were compared with the institutions' preliminary in-state participation for fall 2002 and with past participation trends. Also taken into consideration was the accuracy of the past forecasts. A "best fit" participation was selected for each institution and adjusted as necessary by applying a multiplier to adjust the "best fit" within +/- 3 percent of the in-state preliminary headcount.
- Participation rates and multipliers which produced the "best fit" were applied to projected population by county/age/ethnic data for the years 2003, 2004, 2005, 2010, and 2015 to obtain a forecast of in-state participation for each institution. The resulting forecast was based on a fixed rate for the entire forecast period. However, participation rates for some racial/ethnic groups over the past five years are increasing at a greater rate than the population growth, thereby increasing the collegegoing rate for these groups. Forecasts were adjusted, where appropriate, in anticipation of a continued improvement in participation rates.
- Nonresidential participation, which includes both out-of-state and foreign students, was determined by examining the five-year historical record (1997-2001) and computing a ratio of nonresident to in-state students for each institution. These historical data were compared with the preliminary fall 2002 participation of nonresidential students for each institution. The



"best fit" ratio was selected for each institution and used to compute nonresident participation.

- The adjusted in-state participation and the computed nonresident participation for each institution were combined to obtain a draft total participation forecast for the years 2003, 2004, 2005, 2010, and 2015.
- An additional adjustment was made to the draft total participation based on known enrollment management policies at some institutions. Also, the draft forecast was sent to each institution for review and response prior to final publication. Based on conditions unique to specific institutions which could not be accounted for in the methodology, some adjustments were made.

#### **Historical Participation**

Tables 7A, B; and 8A, B; provide a sample of participation data. Data in these tables are for all public universities and public two-year colleges statewide by age and racial/ethnic group. This same participation information is available for each of the public universities and public two-year colleges, at the county level. Between 1997 and 2001, participation levels increased at public universities by 34,505 students (8.7 percent). At public community and technical colleges, participation increases totaled 56,214 students, or 13.3 percent.

At both types of institutions, increases have been greater for Hispanics and Blacks than for White and Other students. Nevertheless, in 2001, White and Other students made up 57.1 percent of the participation at public universities and 52 percent at public two-year colleges. Approximately 89.5 percent of all public university students and 85.2 percent of two-year college students were under 35 years of age. Texas residents comprised 89.3 percent of all students at public universities and 93.9 percent at public two-year colleges.



Table 7A
Fall In-State Participation by Age and Race/Ethnicity—Public Universities

Fall in-S	tate Partic	ipation by A	age and R	ace/Ethnic	ity—Public	Universit	iles
	Age	Age	Age	Age	Age	Age	All
Year	15-19	20-24	25-29	30-34	35-39	40-Up	Ages
1997							
White	49,675	97,421	32,742	15,410	11,885	22,301	229,444
Hispanic	15,871	31,472	12,199	5,172	3,346	4,357	72,418
Black	8,584	12,365	4,668	2,485	2,062	2,995	33,159
Other	5,530	9,458	2,985	1,129	656	744	20,504
Total	79,660	150,716	52,594	24,196	17,949	30,397	355,525
					·		•
1998							
White	51,567	98,283	30,660	14,475	11,086	21,210	227,290
Hispanic	16,884	31,456	12,397	5,293	3,352	4,717	74,112
Black	9,013	12,703	4,567	2,451	1,930	3,019	33,688
Other	6,205	10,179	3,237	1,206	732	876	22,439
Total	83,669	152,621	50,861	23,425	17,100	29,822	357,529
					•		•
1999					•		
White	53,977	100,492	28,938	14,033	10,347	20,673	228,484
Hispanic	17,872	32,069	12,746	5,528	3,487	4,755	76,465
Black	9,632	13,819	4,854	2,576	1,977	3,296	36,156
Other	6,567	10,994	3,545	1,309	798	987	24,204
Total	88,048	157,374	50,083	23,446	16,609	29,711	365,309
	<b>,</b> - · · -	,	,	,	,	,	,
2000							
White	54,691	101,431	27,484	14,103	9,736	20,386	227,867
Hispanic	19,072	32,834	12,805	5,857	3,504	5,004	79,081
Black	10,375	14,735	4,920	2,753	2,035	3,439	38,276
Other	7,240	11,515	3,676	1,403	793	1,109	25,746
Total	91,378	160,515	48,885	24,116	16,068	29,938	370,970
	.,	,	,	,	, 0,000	,	
2001							
White	56,443	105,249	26,893	14,240	9,255	20,162	232,269
Hispanic	20,817	34,850	13,223	6,346	3,591	5,108	83,937
Black	11,293	16,087	5,070	3,022	1,962	3,499	40,934
Other	7,799	12,476	3,707	1,639	808	1,229	27,665
Total	96,352	168,662	48,893	25,247	15,616	29,998	384,805
	<b>, -</b>	· , <del>-</del>	,	,	,	,	,

Table 7B
In-State and Nonresident Participation for Public Universities

_				
		In-State	Nonresident	Total
	Year	Enrollment	Enrollment	Enrollment
	1997	355,525	40,740	396,265
	1998	357,529	40,729	398,258
	1999	365,309	41,765	407,074
	2000	370,970	43,656	414,626
	2001	384,805	45,965	430,770



Table 8A

Fall In-State Participation by Age and Race/Ethnicity—Public Two-Year	Colleges
Age Age Age Age Age	All
Year 15-19 20-24 25-29 30-34 35-39 40-U	Ages_
1997	
White 71,736 64,198 29,609 19,257 16,970 29,77	•
Hispanic 29,443 40,672 16,489 9,235 6,587 8,79	•
Black 9,342 10,995 6,597 5,049 4,132 5,32	•
Other 3,535 5,485 2,447 1,426 1,043 1,58	
Total 114,056 121,350 55,142 34,967 28,732 45,47	<b>'</b> 5 399,793
1998	
White 72,423 63,294 27,698 17,544 15,820 29,49	8 226,338
Hispanic 31,034 40,884 16,800 9,308 6,550 8,97	•
Black 9,816 11,195 6,703 5,060 4,064 5,78	•
Other 3,992 5,928 2,799 1,637 1,176 1,84	•
Total 117,265 121,301 54,000 33,549 27,610 46,09	•
1999	
140 to	6 220 062
White 78,577 64,730 26,022 16,397 14,521 28,54 Hispanic 34,578 41,637 17,300 9,473 6,616 9,36	•
Black 10,826 11,887 6,965 5,107 4,255 6,16	•
Other 4,682 5,836 2,793 1,518 1,168 1,83	•
Total 128,663 124,090 53,080 32,495 26,560 45,91	-
120,000 124,000 00,000 02,400 20,000 40,01	3 410,900
2000	
White 82,329 65,864 24,707 15,832 13,592 28,11	0 230,497
Hispanic 36,763 43,329 18,064 9,730 6,699 9,44	9 124,057
Black 11,214 12,419 7,229 5,251 4,249 6,37	1 46,742
Other 5,768 6,368 2,806 1,634 1,188 1,99	8 19,782
Total 136,074 127,980 52,806 32,447 25,728 45,92	8 421,078
2001	
White 87,684 71,258 25,222 16,803 13,102 28,18	9 242,323
Hispanic 40,130 46,424 19,052 10,850 6,832 9,79	•
Black 11,755 13,614 7,510 5,730 4,392 6,76	•
Other 7,745 7,508 3,149 1,924 1,433 2,31	•
Total 147,314 138,804 54,933 35,307 25,759 47,06	•

Table 8B

In-State and Nonresident Participation for Public Two-year Colleges

			<del></del>
	In-State	Nonresident	Total
Year	<u>Enrollment</u>	Enrollment	Enrollment
1997	399,793	22,306	422,099
1998	399,908	21,500	421,408
1999	410,900	24,423	435,323
2000	421,078	26,920	447,998
2001	449,334	28,979	478,313



#### **Texas Population Projections**

The participation forecast used the Texas State Data Center population projections, completed in spring 2002, which used a cohort-component technique. Projections from a base population—from the 2000 federal census—were made individually for persons with a common characteristic (in this case age, gender, and race/ethnicity) for fertility, mortality, and migration.

Age, gender and race/ethnicity-specific fertility rates were computed using recorded births and place of residence of the mother. This information was obtained from the Texas Department of Health. Data on women by age (10-to-49) and race/ethnicity were obtained from the 2000 federal census of the population.

Life survival rates for Whites, Hispanics, Blacks, and Others were computed using Texas Department of Health Mortality data. Migration rates were derived using net migration estimates by age, gender and race/ethnicity in Texas for 1990-2000. Using this as a base, migration rates were computed for White, Hispanic, Black, and Other populations for the 1990-2000 timeframe. To deal with the migration component, which is the most difficult to project, alternative scenarios of growth were developed. All scenarios used the same set of mortality and fertility rates but differed in the assumptions relative to net migration. Population projections used in this revised enrollment forecast assumed that migration rates will be 50 percent of the average 1990-2000 rates.

Statewide population projections show several significant features of the future Texas population (see Table 9):

- Between 2002 and 2015, the total population will grow at an average annual rate of about 1.9 percent.
- Hispanics will continue to be the fastest growing racial/ethnic group. In 2002, Hispanics comprised about 32.1 percent of the population; by 2015, this share will reach 38.8 percent. The Black share will drop from 11.3 percent to 10.6 percent, while the White share will decline from 53.3 percent in 2002 to approximately 45.3 percent in 2015.
- The 40-year old-and-above age group will grow at a faster rate than the younger age groups. That age group will change from 29.6 percent of the population in 2002 to 43.7 percent of the population in 2015.
- The 15-to-34 year-old population, which makes up about 29.6 percent of the total in 2002, will drop to 29 percent in 2015. Overall, the 15-to-34 age group will increase at about 1.2 percent per year until 2005 and is then expected to increase slightly faster to 1.7 percent per year between 2005 and 2015.

Although Table 9 indicates the populations at the statewide level only, similar data are available for each of the 254 Texas counties.



Table 9
Texas Statewide Population by Race/Ethnicity

	Age	Age	Age	Age	Age	Age	Age	All
Year	0-14	15-19	20-24	25-29	30-34	35-39	40-Up	Ages
2002							_ <del></del> _	
White	2,081,168	753,950	706,764	673,836	773,606	832,941	5,353,495	11,175,760
Hispanic	2,118,853	634,883	656,112	650,228	602,659	543,055	1,897,432	7,103,222
Black	641,375	213,617	200,938	181,507	193,169	200,608	854,601	2,485,815
Other	158,303	51,204	55,400	68,192	74,768	67,337	260,996	736,200
Total	4,999,699	1,653,654	1,619,214	1,573,763	1,644,202	1,643,941	8,366,524	21,500,997
2003								
White	2,069,649	753,034	725,234	669,022	766 909	707 794	E 444 007	44 000 640
Hispanic	2,170,652	639,303	675,649	663,390	766,808	797,784	5,441,087	11,222,618
Black	639,160	216,404	207,898	180,355	629,006	556,814	1,991,558	7,326,372
Other	162,480	51,926	56,468	65,867	194,408 77.894	197,249	881,998	2,517,472
Total	5,041,941	1,660,667	1,665,249	1,578,634	77,894 1,668,116	69,217	278,255	762,107
10101	0,011,011	1,000,001	1,000,240	1,070,004	1,000,110	1,621,064	8,592,898	21,828,569
2004								
White	2,057,494	753,034	739,984	671,944	749,926	772,425	5,522,436	11,267,243
Hispanic	2,222,965	650,335	689,222	678,432	652,410	571,853	2,088,402	7,553,619
Black	636,018	220,582	212,113	182,894	194,575	193,960	908,709	2,548,851
Other	166,282	53,198	57,021	64,423	79,270	71,908	296,311	788,413
Total	5,082,759	1,677,149	1,698,340	1,597,693	1,676,181	1,610,146	8,815,858	22,158,126
		, ,	, ,	.,,	.,0,0,.0,	1,010,110	0,010,000	22,100,120
2005								
White	2,041,602	753,074	748,133	680,184	725,915	764,985	5,595,670	11,309,563
Hispanic	2,270,063	668,881	694,995	694,483	674,133	590,712	2,191,411	7,784,678
Black	630,406	226,143	214,338	188,762	191,543	192,206	936,480	2,579,878
Other	170,108	54,442	57,386	63,140	79,561	75,683	314,743	815,063
Total	5,112,179	1,702,540	1,714,852	1,626,569	1,671,152	1,623,586	9,038,304	22,489,182
2010								
2010 White	1 002 745	712 975	752 520	754 044	CO7 E40	700.070	5 004 400	44 40 4 070
	1,993,745 2,497,410	712,875	753,538	754,844 776 259	687,510	730,673	5,861,488	11,494,673
Hispanic Black		777,972	737,918	776,358	762,468	718,394	2,729,307	8,999,827
Other	606,497 184,976	236,454	231,546	216,693	191,089	195,116	1,053,264	2,730,659
Total	184,976 5,282,628	61,952 1,789,253	61,414	64,961	71,712	89,966	418,367	953,348
Total	3,202,020	1,709,200	1,784,416	1,812,856	1,712,779	1,734,149	10,062,426	24,178,507
2015								
White	1,975,861	665,754	713,520	760,531	762,986	691,779	6,070,609	11,641,040
Hispanic	2,767,816	822,767	858,896	822,506	853,476	812,894	3,382,568	10,320,923
Black	599,668	221,219	242,368	234,073	219,421	194,408	1,163,681	2,874,838
Other	195,199	67,611	70,049	69,303	73,501	81,347	543,034	1,100,044
Total	5,538,544	1,777,351	1,884,833	1,886,413	1,909,384	1,780,428	11,159,892	25,936,845
	- *	•	,	,,	.,,	.,. 55, .25	, ,	20,000,040



#### **Participation Rate Alternatives**

The five-year (1997-2001) in-state participation data base and the population data base were used to obtain enrollment rates for each of the four racial/ethnic groups (White, Hispanic, Black, and Other) by county and age groups for each institution. Three alternative rates were calculated as follows:

2001 Racial/Ethnic Rate: The total number of students in a specific age/racial/ethnic group from each county attending each institution in 2001 divided by the total number of people of the specific age/racial/ethnic group living in the county.

Trend Racial/Ethnic Rates: Using five years of observed participation data, two straight-line arithmetic trend participation levels were developed by age/racial/ethnic groups and county for each institution. These were: (1) the 1997-2001 five-year trend extended to 2002 and, (2) the five-year trend extended to 2003. The equation  $Y_c = a + bx$  was used, where:

a is the mean participation over the five-year period;

 $\underline{b}$  is the deviation from the center year multiplied by the observed participation, summed and divided by the sum of the squares of the deviations, and

x = +2 for the five-year trend extended to 2002, +3 for the five-year trend extended to 2003.

The predicted trend participation  $(Y_c)$  for each age/racial/ethnic group was divided by the total number of people of the specific age/racial/ethnic group living in the county for the corresponding year.

Each of these three alternative participation rates contained attendance rates for each of the 254 counties at each institution by six age groups (15-to-19, 20-to-24, 25-to-29, 30-to-34, 35-to-39, and 40 and above) for four racial/ethnic groups (White, Hispanic, Black, and Other).

#### In-State Participation Forecast Alternatives for 2002

Previous computed participation rates for each county were multiplied by the corresponding age/racial/ethnic/county population projections for 2002. This produced three alternative forecasts of students by age/racial/ethnicity from each county expected to attend each institution in 2002. Age groups were then summed to obtain statewide forecasts of White, Hispanic, Black, and Other students at each institution in 2002. Total in-state participation for each of the three alternatives was obtained by summing the racial/ethnic participation. The three alternative in-state participation levels for each institution are shown in Tables 10 and 11.



Table 10
In-State Participation Alternative Forecasts—Public Universities

	0004	0000 (T1)	0000 /T "
	2001	2002 (Trend)	2003 (Trend)
	Rate	Rate	Rate
Angelo State University	6,243	6,158	6 120
Lamar University	8,518	8,373	6,120 8,405
Midwestern State University	5,357	5,276	8,495 5,337
Prairie View A&M University	6,424	6,377	5,327 6,584
Sam Houston State University	12,871	12,392	12,262
Southwest Texas State University	23,313	22,621	22,775
Stephen F. Austin State University	11,454	11,286	11,023
Sul Ross State University	2,011	2,007	1,940
Sul Ross Rio Grande College	822	839	824
Tarleton State University	7,826		7,905
Texas A&M University at Galveston	1,074	1,161	1,235
Texas A&M University – Commerce	7,458	7,332	7,293
Texas A&M University – Corpus Christi	7,269	7,111	7,293 7,287
Texas A&M University – Kingsville	5,858	5,676	5,618
Texas A&M University – Texarkana	883	902	929
Texas A&M International University	3,262	3,147	3,155
Texas A&M University	39,349	39,320	40,130
Texas Southern University	6,933	6,335	6,402
Texas Tech University	22,957	22,040	21,901
Texas Woman's University	7,460	7,549	7,264
The University of Texas at Arlington	18,580	18,342	18,518
The University of Texas at Austin	41,745	41,082	40,937
The University of Texas at Dallas	8,884	8,638	9,006
The University of Texas at El Paso	13,837	13,243	13,072
The University of Texas at San Antonio	19,249	18,861	19,074
The University of Texas at Tyler	3,665	3,599	3,658
The University of Texas-Brownsville	3,196	3,084	3,152
The University of Texas-Pan American	13,606	12,960	12,832
The University of Texas of the Permian Basin	2,364	2,355	2,375
University of Houston	29,890	29,544	29,490
University of Houston - Clear Lake	6,669	6,651	6,794
University of Houston - Downtown	9,432	9,291	9,681
University of Houston - Victoria	1,905	1,843	1,940
University of North Texas	24,683	24,436	24,708
West Texas A&M University	6,146	6,152	6,103



Table 11
In-State Participation Alternative Forecasts
Public Two-year Colleges

•	2001	2002 (Trend)	2003 (Trend)
	Rate	Rate	Rate
Alamo CCD Northwest Vista	5,306	4,930	5,964
Alamo CCD Palo Alto College	6,626	6,273	6,082
Alamo CCD San Antonio College	20,599	19,914	19,671
Alamo CCD St. Philip's College	8,293	8,068	8,063
Alvin Community College	3,651	3,575	3,517
Amarillo College	8,561	8,576	8,868
Angelina College	4,649	4,602	4,781
Austin Community College	26,459	25,779	25,973
Blinn College	12,533	12,414	12,972
Brazosport College	4,061	3,962	4,027
Central Texas College District	6,414	6,411	6,708
Cisco Junior College	2,688	2,783	2,858
Clarendon College	823	941	982
Coastal Bend College	3,113	3,108	3,196
College of the Mainland	3,371	3,208	3,115
Collin County Community College	13,322	12,621	12,881
DCCCD Brookhaven College	7,507	7,340	7,458
DCCCD Cedar Valley	2,867	2,850	2,893
DCCCD Eastfield College	8,200	7,842	7,918
DCCCD El Centro College	4,408	4,212	4,172
DCCCD Mountain View College	5,605	5,245	5,287
DCCCD North Lake College	6,305	6,400	6,682
DCCCD Richland College	11,367	11,169	11,160
Del Mar College	10,179	9,586	9,456
El Paso Community College Dist	17,214	16,453	15,613
Frank Phillips College	1,178	1,243	1,307
Galveston College	2,171	2,226	2,231
Grayson County College	3,257	3,240	3,317
Hill College	2,625	2,564	2,557
Houston Community College	25,384	25,013	24,600
Howard College at Big Spring	2,508	2,472	2,654
Kilgore College	3,912	3,869	3,844
Lamar Institute of Technology	2,442	2,512	2,654
Lamar-Orange	1,843	1,861	1,985
Lamar-Port Arthur	2,484	2,488	2,520
Laredo Community College	7,335	7,086	6,857
Editodo Johnnanky Conogo	7,000	7,000	0,007



	2001	2002 (Trend)	2003 (Trend)
		Rate	Rate
Lee College	6,241	6,129	6 160
McLennan Community College	5,990	5,918	6,169 6,064
Midland College	5,016	4,980	5,161
Navarro College	4,012	3,938	4,147
NHMCC Cy-Fair College**	New campus	3,330	4,147
NHMCC Kingwood	5,256	4,974	5,291
NHMCC Montgomery	5,841	5,682	5,840
NHMCC North Harris	9,648	9,241	9,180
NHMCC Tomball**	8,182	7,343	8,239
North Central Texas College	5,055	4,900	5,094
Northeast Texas Community College	2,187	2,109	2,132
Odessa College	4,468	4,482	4,397
Panola Junior College	1,410	1,399	1,367
Paris Junior College	3,207	3,094	3,166
Ranger Junior College	821	920	942
San Jacinto College-Central Campus	10,343	10,475	10,867
San Jacinto College-North Campus	4,567	4,686	4,897
San Jacinto College-South Campus	5,790	5,797	6,055
South Plains College	8,295	8,095	8,650
South Texas Community College	12,778	12,654	13,550
Southwest Collegiate Institute	91	146	156
Southwest Texas Junior College	3,767	3,751	3,775
Tarrant County-Northeast Campus	10,085	9,754	9,859
Tarrant County-Northwest Campus	4,687	4,540	4,658
Tarrant County-South Campus	7,413	7,186	7,100
Tarrant County-Southeast Campus	7,855	7,824	8,223
Temple College	3,556	3,589	3,749
Texarkana College	2,651	2,620	2,620
Texas Southmost College	6,970	6,758	6,548
Trinity Valley Community College	4,623	4,554	4,610
Tyler Junior College	8,436	8,350	8,418
Vernon Regional Junior College	2,241	2,319	2,487
Victoria College, The	4,017	3,998	4,028
Weatherford College	3,174	3,032	3,075
Western Texas College	1,294	1,335	1,414
Wharton County Junior College	5,390	5,051	5,170
Texas State Technical College-Harlingen	3,918	3,664	3,708
Texas State Technical College-Marshall	590	850	1,004
Texas State Technical College-Waco	4,060	3,973	4,032
Texas State Technical College-West Texas	1,633	1,721	1,885



#### In-State Participation "Best Fit" Rate Selection

The next step was to select, for each institution, one of the three in-state participation rate alternatives. The following criteria were used:

- 1. The participation forecast produced for 2002, when compared with the preliminary 2002 participation and five-year trend, must be the one closest to the participation which follows the general trend of the historical participation pattern. If the historical participation pattern is increasing, the selected alternative should be greater than the preliminary 2002 participation. If the pattern is decreasing, the selected alternative should be less than the preliminary 2002 participation. If the pattern is stable, the nearest alternative should be selected without regard to its relationship to the preliminary 2002 participation.
- 2. If the historical pattern is increasing or decreasing, the 2002 participation produced by the selected alternative must fall within 3 percent of the preliminary 2002 participation. If the historical pattern is stable, the 2002 participation produced by the selected alternative must fall within plus or minus 1 percent of the preliminary 2002 participation. If necessary, a multiplier can be computed to satisfy this condition.

The selected "best fit" alternative (see Tables 12 and 13) determined which rate to use for each institution in forecasting 2003, 2004, 2005, 2010, and 2015 participation. The multiplier, if needed, was used to augment the forecast for each year.



# Table 12 In-State Participation—Public Universities Comparison of Preliminary to Forecast In-State Participation for 2002

Angelo State University Lamar University Lamar University Prairie View A&M University Southwest Texas State University Sul Ross State University Sul Ross State University Sul Ross Rio Grande College Tarleton State University at Galveston Texas A&M University at Galveston Texas A&M University - Corpus Christi  2002 Preliminary In-State Participation Pa  6,187  9,066  Midwestern State University 5,513  Prairie View A&M University 6,797  Sam Houston State University 12,698  Southwest Texas State University 24,220  Stephen F. Austin State University 11,020  Sul Ross Rio Grande College 886  Tarleton State University 7,926  Texas A&M University at Galveston 1,262  Texas A&M University - Commerce 7,804  Texas A&M University - Corpus Christi	"Best Fit" In-State articipation	Selected Rate
Angelo State University Lamar University Prairie View A&M University Southwest Texas State University Stephen F. Austin State University Sul Ross State University Sul Ross Rio Grande College Tarleton State University at Galveston Texas A&M University at Galveston Texas A&M University - Commerce  Participation		
Angelo State University Lamar University 9,066 Midwestern State University 5,513 Prairie View A&M University 6,797 Sam Houston State University 12,698 Southwest Texas State University 24,220 Stephen F. Austin State University 11,020 Sul Ross State University 1,908 Sul Ross Rio Grande College 7,926 Texas A&M University at Galveston Texas A&M University - Commerce 7,804		
Lamar University 9,066 Midwestern State University 5,513 Prairie View A&M University 6,797 Sam Houston State University 12,698 Southwest Texas State University 24,220 Stephen F. Austin State University 11,020 Sul Ross State University 1,908 Sul Ross Rio Grande College 886 Tarleton State University 7,926 Texas A&M University at Galveston 1,262 Texas A&M University - Commerce 7,804		
Midwestern State University 5,513 Prairie View A&M University 6,797 Sam Houston State University 12,698 Southwest Texas State University 24,220 Stephen F. Austin State University 11,020 Sul Ross State University 1,908 Sul Ross Rio Grande College 886 Tarleton State University 7,926 Texas A&M University at Galveston 1,262 Texas A&M University – Commerce 7,804	6,158	2002
Prairie View A&M University 6,797 Sam Houston State University 12,698 Southwest Texas State University 24,220 Stephen F. Austin State University 11,020 Sul Ross State University 1,908 Sul Ross Rio Grande College 886 Tarleton State University 7,926 Texas A&M University at Galveston 1,262 Texas A&M University – Commerce 7,804	8,518	2001
Sam Houston State University 12,698 Southwest Texas State University 24,220 Stephen F. Austin State University 11,020 Sul Ross State University 1,908 Sul Ross Rio Grande College 886 Tarleton State University 7,926 Texas A&M University at Galveston 1,262 Texas A&M University – Commerce 7,804	5,357	2001
Southwest Texas State University 24,220 Stephen F. Austin State University 11,020 Sul Ross State University 1,908 Sul Ross Rio Grande College 886 Tarleton State University 7,926 Texas A&M University at Galveston 1,262 Texas A&M University – Commerce 7,804	6,584	2003
Stephen F. Austin State University11,020Sul Ross State University1,908Sul Ross Rio Grande College886Tarleton State University7,926Texas A&M University at Galveston1,262Texas A&M University – Commerce7,804	12,871	2001
Sul Ross State University1,908Sul Ross Rio Grande College886Tarleton State University7,926Texas A&M University at Galveston1,262Texas A&M University – Commerce7,804	23,313	2001
Sul Ross Rio Grande College886Tarleton State University7,926Texas A&M University at Galveston1,262Texas A&M University – Commerce7,804	11,023	2003
Tarleton State University7,926Texas A&M University at Galveston1,262Texas A&M University – Commerce7,804	1,940	2003
Texas A&M University at Galveston 1,262 Texas A&M University – Commerce 7,804	839	2002
Texas A&M University – Commerce 7,804	7,905	2003
	1,235	2003
Texas A&M University – Corpus Christi 7,411	7,458	2001
	7,287	2003
Texas A&M University – Kingsville 6,089	5,858	2001
Texas A&M University – Texarkana 956	929	2003
Texas A&M International University 3,536	3,262	2001
Texas A&M University 38,883	39,320	2002
Texas Southern University 8,343	6,933	2001
Texas Tech University 24,041	22,957	2001
Texas Woman's University 8,240	7,549	2002
The University of Texas at Arlington 20,528	18,580	2001
The University of Texas at Austin 42,387	41,745	2001
The University of Texas at Dallas 9,344	9,006	2003
The University of Texas at El Paso 14,370	13,837	2001
The University of Texas at San Antonio 20,980	19,249	2001
The University of Texas at Tyler 4,084	3,665	2001
The University of Texas-Brownsville 3,461	3,196	2001
The University of Texas-Pan American 13,969	13,606	2001
The University of Texas of the Permian Basin 2,637	2,375	2003
University of Houston 30,914	29,890	2001
University of H - Clear Lake 6,847	6,794	2003
University of H – Downtown 10,146	9,681	2003
University of H – Victoria 2,141	3,001	2003
University of North Texas 26,583	1,940	2003
West Texas A&M University 6,109	-	



Table 13
In-State Participation—Public Two-year Colleges
Comparison of Preliminary to Forecast In-State Participation for 2002

	2002 Preliminary	"Best Fit"	
	In-State	In-State	Selected
	Participation	Participation	
	Farticipation	Farticipation	Rate
Alamo CCD Northwest Vista	6,848	5,964	2003
Alamo CCD Palo Alto College	6,850	6,626	2001
Alamo CCD San Antonio College	20,295	20,599	2001
Alamo CCD St. Philip's College	8,813	8,293	2001
Alvin Community College	4,133	3,651	2001
Amarillo College	9,180	8,868	2003
Angelina College	4,906	4,781	2003
Austin Community College	27,778	26,459	2001
Blinn College	13,433	12,972	2003
Brazosport College	4,049	4,061	2001
Central Texas College District	6,981	6,708	2003
Cisco Junior College	2,789	2,783	2002
Clarendon College	892	941	2002
Coastal Bend College	3,436	3,196	2003
College of the Mainland	3,615	3,371	2001
Collin County Community College	14,653	13,322	2001
DCCCD Brookhaven College	8,336	7,507	2001
DCCCD Cedar Valley	3,909	2,893	2003
DCCCD Eastfield College	8,999	8,200	2001
DCCCD El Centro College	5,381	4,408	2001
DCCCD Mountain View College	6,251	5,605	2001
DCCCD North Lake College	7,309	6,682	2003
DCCCD Richland College	12,251	11,367	2001
Del Mar College	10,989	10,179	2001
El Paso Community College Dist	20,167	17,214	2001
Frank Phillips College	1,241	1,243	2002
Galveston College	2,182	2,171	2001
Grayson County College	3,324	3,317	2003
Hill College	2,758	2,625	2001
Houston Community College	31,412	25,384	2001
Howard College at Big Spring	2,546	2,508	2001
Kilgore College	4,365	3,912	2001
Lamar Institute of Technology	2,378	2,442	2001
Lamar-Orange	1,803	1,843	2001
Lamar-Port Arthur	2,418	2,484	2001



	2002 Dealissis	Up . 4 Pita	
	2002 Preliminary	"Best Fit"	0 1 4 1
	In-State	In-State	Selected
<del></del>	Participation	Participation	Rate
Laredo Community College	7,472	7,335	2001
Lee College	6,415	6,241	2001
McLennan Community College	6,454	6,064	2003
Midland College	4,928	4,980	2002
Navarro College	4,586	4,147	2003
NHMCC Cy-Fair College**	2,204	.,	na
NHMCC Kingwood	5,634	5,291	2003
NHMCC Montgomery	6,121	5,841	2001
NHMCC North Harris	10,379	9,648	2001
NHMCC Tomball**	7,751	8,182	2001
North Central Texas College	5,881	5,094	2003
Northeast Texas Community College	2,328	2,187	2001
Odessa College	4,828	4,482	2001
Panola Junior College	1,571	1,410	2001
Paris Junior College	3,517	3,207	2001
Ranger Junior College	823	821	2001
San Jacinto College-Central Campus	. 10,891	10,867	2003
San Jacinto College-North Campus	4,925	4,897	2003
San Jacinto College-South Campus	6,284	6,055	2003
South Plains College	8,840	8,650	2003
South Texas Community College	13,543	13,550	2003
Southwest Collegiate Institute	87	91	2001
Southwest Texas Junior College	3,366	3,751	2002
Tarrant County-Northeast Campus	10,870	10,085	2001
Tarrant County-Northwest Campus	5,198	4,687	2001
Tarrant County-South Campus	7,944	7,413	2001
Tarrant County-Southeast Campus	8,234	8,223	2003
Temple College	3,628	3,589	2002
Texarkana College	3,878	2,651	2001
Texas Southmost College	7,591	6,970	2001
Trinity Valley Community College	5,139	4,623	2001
Tyler Junior College	8,636	8,436	2001
Vernon Regional Junior College	2,492	2,487	2003
Victoria College, The	4,009	4,017	2001
Weatherford College	3,566	3,174	2001
Western Texas College	1,595	1,414	2003
Wharton County Junior College	5,687	5,390	2001
Texas State Technical College-Harlingen	4,179	3,918	2001
Texas State Technical College-Marshall	595	590	2001
Texas State Technical College-Waco	4,153	4,060	2001
Texas State Technical College-West Texas	1,655	1,633	2001



#### **In-State Participation Forecast**

The selected "best fit" participation rate alternative for each institution and for each racial/ethnic group were applied to the corresponding age/racial/ethnic group projected population for 2003, 2004, 2005, 2010, and 2015 by county. Age groups were summed for each year, by racial/ethnic group, to provide county total participation for White, Hispanic, Black, and Other students at each institution for each of the forecast years. County participation levels were summed by institution and year to provide total White, Hispanic, Black, and Other student forecasts for each institution. Finally, the racial/ethnic participation levels for each institution were summed to produce total in-state participation. Multipliers are applied to the in-state participation to meet the criteria if needed.

#### Nonresident Participation Ratios

The percent of in-state students varies from 2 percent to 40 percent at public universities and from 0 percent to 34 percent at public two-year colleges. Therefore, it was necessary to determine a means of accounting for expected nonresident students in each institution. This was done by selecting a representative "nonresidential factor" for each institution, based on historical data from 1997 to 2001. The ratios of nonresident to in-state participation were compared with the preliminary 2002 nonresident to in-state ratios for each institution. The selected ratio became a factor used later in the forecast process to determine nonresident participation forecasts for each institution. See Tables 14 and 15 for the 1997-2001 average, 2001, preliminary 2002, and selected ratios.



Table 14
Nonresident Participation Ratios—Public Universities

	Average	2001	Prelim	Selected
<del></del>			2002	
Angelo State University	0.027	. 0 024	0.040	0.004
Lamar University	0.037	0.034	0.013	0.034
Midwestern State University	0.058	0.065	0.081	0.065
Prairie View A&M University	0.140 0.104	0.130	0.131	0.130
Sam Houston State University	0.104	0.071	0.068	0.071
Southwest Texas State University		0.028	0.030	0.028
Stephen F. Austin State University	0.031	0.033	0.034	0.033
Sul Ross State University	0.024	0.024	0.030	0.024
Sul Ross Rio Grande College	0.024	0.023	0.025	0.024
Tarleton State University	0.009	0.001	0.021	0.009
Texas A&M University at Galveston	0.041	0.054	0.088	0.059
Texas A&M University – Commerce	0.327 0.066	0.289	0.249	0.289
Texas A&M University – Commerce  Texas A&M University – Corpus Christi		0.079	0.037	0.057
	0.031	0.036	0.077	0.036
Texas A&M University – Kingsville Texas A&M University – Texarkana	0.075	0.075	0.430	0.075
Texas A&M International University	0.413 0.063	0.387	0.059	0.413
Texas A&M University	0.063	0.066	0.161	0.066
Texas Southern University	0.100	0.157 0.188	0.161	0.157
Texas Tech University			0.167	0.172
Texas Woman's University	0.130 0.089	0.129	0.147	0.130
The University of Texas at Arlington	0.069	0.071	0.060	0.071
The University of Texas at Austin	0.115	0.149	0.160	0.149
The University of Texas at Dallas	0.231	0.227 0.403	0.233	0.231
The University of Texas at El Paso	0.344	0.403	0.415	0.403
The University of Texas at Erraso  The University of Texas at San Antonio	0.176		0.199	0.198
The University of Texas at Sall Antonio	0.045	0.049	0.049	0.049
The University of Texas-Brownsville		0.037	0.041	0.037
The University of Texas-Blownsville  The University of Texas-Pan American	0.058	0.121	0.024	0.121
	0.028	0.031	0.030	0.031
The University of Texas of the Permian Basin University of Houston	0.026	0.039	0.026	0.026
•	0.120	0.114	0.114	0.114
University of H. Downtown	0.150	0.162	0.132	0.150
University of H - Downtown University of H - Victoria	0.071	0.040	0.038	0.040
University of H - Victoria University of North Texas	0.023	0.022	0.020	0.022
<del>_</del>	0.135	0.143	0.136	0.135
West Texas A&M University	0.105	0.113	0.115	0.113



Table 15
Nonresident Participation Ratios—Public Two-year Colleges

· <u></u>	Average	2001	Prelim 2002	Selected
Alamo CCD Northwest Vista	0.022	0.030	0.033	0.030
Alamo CCD Palo Alto College	0.037	0.025	0.019	0.025
Alamo CCD San Antonio College	0.044	0.047	0.044	0.044
Alamo CCD St. Philip's College	0.062	0.056	0.045	0.056
Alvin Community College	0.013	0.020	0.010	0.013
Amarillo College	0.003	0.004	0.005	0.003
Angelina College	0.017	0.013	0.014	0.013
Austin Community College	0.041	0.052	0.050	0.052
Blinn College	0.027	0.026	0.000	0.027
Brazosport College	0.010	0.008	0.012	0.010
Central Texas College District	0.177	0.143	0.154	0.143
Cisco Junior College	0.009	0.017	0.063	0.009
Clarendon College	0.078	0.085	0.089	0.085
Coastal Bend College	0.008	0.008	0.013	0.008
College of the Mainland	0.006	0.002	0.003	0.002
Collin County Community College	0.083	0.088	0.090	0.088
DCCCD Brookhaven College	0.076	0.106	0.093	0.106
DCCCD Cedar Valley	0.015	0.023	0.025	0.023
DCCCD Eastfield College	0.027	0.032	0.019	0.032
DCCCD El Centro College	0.064	0.085	0.072	0.080
DCCCD Mountain View College	0.020	0.024	0.018	0.024
DCCCD North Lake College	0.115	0.163	0.147	0.139
DCCCD Richland College	0.083	0.111	0.102	0.111
Del Mar College	0.055	0.027	0.021	0.055
El Paso Community College Dist	0.073	0.092	0.057	0.073
Frank Phillips College	0.063	0.065	0.077	0.076
Galveston College	0.046	0.026	0.055	0.046
Grayson County College	0.079	0.079	0.075	0.079
Hill College	0.043	0.048	0.062	0.048
Houston Community College	0.319	0.381	0.119	0.119
Howard College at Big Spring	0.028	0.023	0.043	0.028
Kilgore College	0.033	0.037	0.052	0.037
Lamar Institute of Technology	0.021	0.017	0.019	0.021
Lamar-Orange	0.121	0.103	0.097	0.121
Lamar-Port Arthur	0.012	0.012	0.011	0.012
Laredo Community College	0.044	0.050	0.039	0.044



	<u> </u>			
	Average	2001	Prelim	Selected
	_		2002	
Lee College	0.015	0.000	0.022	0.020
McLennan Community College	0.024	0.000	0.022	0.020
Midland College	0.034	0.029	0.017	0.024
Navarro College	0.116	0.023	0.023	0.034
NHMCC Cy-Fair	0.110	0.122	0.105	**
NHMCC Kingwood	0.011	0.013	0.013	0.011
NHMCC Montgomery	0.017	0.017	0.019	0.017
NHMCC North Harris	0.031	0.039	0.033	0.031
NHMCC Tomball	0.018	0.022	0.022	0.018
North Central Texas College	0.048	0.045	0.048	0.048
Northeast Texas Community Coll	0.018	. 0.019	0.041	0.018
Odessa College	0.020	0.028	0.025	0.025
Panola Junior College	0.059	0.066	0.078	0.066
Paris Junior College	0.041	0.034	0.040	0.041
Ranger Junior College	0.045	0.038	0.086	0.038
San Jacinto College-Central Campus	0.081	0.079	0.034	0.079
San Jacinto College-North Campus	0.083	0.095	0.023	0.083
San Jacinto College-South Campus	0.126	0.152	0.074	0.126
South Plains College	0.031	0.034	0.033	0.033
South Texas Community College	0.000	0.000	0.013	0.013
Southwest Collegiate Institute	0.236	0.344	0.552	0.236
Southwest Texas Junior College	0.007	0.011	0.287	0.011
Tarrant County-Northeast Campus	0.000	0.000	0.015	0.000
Tarrant County-Northwest Campus	0.000	0.000	0.014	0.000
Tarrant County-South Campus	0.000	0.001	0.019	0.001
Tarrant County-Southeast Campus	0.000	0.001	0.023	0.001
Temple College	0.017	0.012	0.013	0.017
Texarkana College	0.355	0.331	0.004	0.355
Texas Southmost College	0.050	0.062	0.025	0.062
Trinity Valley Community College	0.018	0.014	0.015	0.018
Tyler Junior College	0.016	0.016	0.036	0.016
Vernon Regional Junior College	0.050	0.020	0.014	0.020
Victoria College, The	0.020	0.019	0.005	0.020
Weatherford College	0.017	0.015	0.011	0.017
Western Texas College	0.033	0.028	0.036	0.033
Wharton County Junior College	0.020	0.017	0.015	0.017
Texas State Technical College-Harlingen	0.005	0.003	0.009	0.005
Texas State Technical College-Marshall	0.014	0.026	0.018	0.022
Texas State Technical College-Waco	0.024	0.019	0.020	0.024
Texas State Technical College-West Texas	0.003	0.002	0.004	0.002



#### <u>Draft Total Participation Forecast and Adjustments</u>

At this point in the forecast process, total in-state participation forecasts for 2003, 2004, 2005, 2010, and 2015, plus a nonresident factor, were available for each institution. Multiplying the selected nonresident factor by the in-state participation produced nonresident participation by institution and year. Adding the nonresident and in-state participation levels resulted in a base total participation forecast for each institution for 2003, 2004, 2005, 2010, and 2015. The selected alternative used to forecast in-state participation and the factor which produced nonresident participation were controlled by quantifiable historical participation patterns and expected demographic changes. Consequently, the participation forecasts which they produced did not take into account future changes in the status of institutions or internal, non-quantifiable conditions which could influence participation at a specific college or university. These were addressed, to some degree, by making adjustments to institutional draft forecasts as appropriate:

Some public universities have, or intend to establish, policies that will cap
enrollment at specific levels. For these institutions, the model might possibly
forecast an excess number of students. In cases where this occurred, the excess
was subtracted and redistributed to other institutions.

Table 16
Adjustments to Draft Participation Forecasts
Based on Local Conditions

	2003	2004	2005	2010	2015
College of the Mainland	101	197	271	254	407
DCCCD Brookhaven	69	392	716	716	716
DCCCD Mountain View	106	257	284	378	`'466
DCCCD North Lake				198	827
NHMCCD Kingwood	678	782	887	998	1,098
NHMCCD Montgomery	161	163	265	474	679
NHMCCD North Harris	201	304	306	318	326
NHMCCD Tomball				400	600
Southwest Texas State	910	941	976	1,034	1,043
Texas Tech Univ.	336	221	171	811	2,559
Texas Woman's Univ.	(57)	(152)	(260)	(100)	
UT San Antonio				899	2,550
University of Houston			(2554)	(3915)	(4321)
University of H - Clear Lake			300	900	1700
University of H - Down Town					1000
University of H -Victoria					300



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## Participation Forecast – Texas Independent Colleges and Universities

Forecasts of total participation for the independent colleges and universities were obtained by first determining the historical correlation between independent and public university total participation levels for the period 1997 to 2001, as follows:

Table 17
Actual Participation

Year	Public Universities (X)	Independent Senior Institutions (Y)
1997	396,265	99,640
1998	398,258	103,162
1999	407,074	104,788
2000	414,626	108,315
2001	430,770	111,929

These observed data were used to develop the following regression equation:

$$Y_i = \overline{Y} + \frac{\sum xY}{\sum x^2} (X_i - \overline{X})$$
  $Y_i = 105,567 + .326658427(X_i - 409,399)$ 

or

Where:

 $Y_i$  is the predicted value of participation at independent colleges and universities

 $\chi_i$  is the predicted value of participation at public universities

 $\overline{Y}$  is the mean of the Y observations (independent senior institutions)

 $\overline{\chi}$  is the mean of the X observations (public universities)

x is the deviation of X observations from the mean



After forecasts for public universities were made, the values as shown below were substituted for  $X_i$ . The regression equation was used to predict the participation for independent colleges and universities. An additional multiplier was added to account for past error. The following forecast was predicted:

Table 18
Independent Colleges and Universities Forecast

Year	Public University Forecast	Independent Colleges and University Forecast
2003	466,965	117,877
2004	474,797	120,456
2005	479,442	122,666
2010	501,828	129,366
2015	517,286	132,580

### Success in Texas' Public Colleges and Universities to 2015

Although enrolling more students in higher education is the first *Closing the Gaps* goal, achieving it will not benefit Texas substantially if those students do not earn degrees and certificates. For the first time the Coordinating Board has attempted to determine degree and certificate production, based on the current rate of awards, as enrollments increase.

The number of degrees and certificates awarded annually increased slightly between 1997 and 2001. For instance, the state's public community and technical colleges increased from 37,748 to 40,444 (7.1 percent) in the number of associate degrees and certificates awarded. Texas' public universities, from 1997 to 2001, increased awards from 74,607 to 79,954 (6.7 percent) for associate, bachelors, masters, doctoral, and special doctoral degrees. Bachelor's degrees increased 7.2 percent or 3,940 during the same time frame, with the largest increase between 1998 and 1999 (2,475).

Step One was to develop a ratio of enrollment-to-awards produced at both the public two-year colleges and the public universities over the five-year period from 1997 to 2001 (see Table 19).

Table 19 - Historical Ratios

	1997	1998	1999	2000	2001
Public Two-Year Institutions				_	
Enrollment	422,099	421,408	435,3232	447,998	478,313
Associate Degrees & Certificates	37,748	38,362	38,358	40,553	40,444
Enrollment/Award Ratio	11.18	10.99	11.35	11.05	11.83
Public Universities					
Enrollment	396,265	398,258	407,074	414,626	430,770
Bachelor Degrees	53,994	54,715	57,190	57,421	57,934
Enrollment/Award Ratio	7.34	7.28	7.12	7.22	7.44



Step Two uses a trend analysis to project the enrollment/award ratio for each sector to 2015, with the participation forecast as a basis (see Table 20).

Table 20 – Trend Ratios

	2003	2004	2005	2010	2015
Public Two-Year Institution Ratio	12.37	12.51	12.70	12.95	13.20
Public University Ratio	7.49	7.55	7.57	7.60	7.66

Step Three applied those ratios to the participation projection for each year by sector to develop the success forecast (see Table 21).

Table 21 – Success Forecast

	2003	2004	2005	2010	2015
Public Two-Year Institutions		_			
Enrollment	· 540,285	555,122	568,195	606,195	631,401
Associate Degrees & Certificates	43,632	44,286	44,636	46,636	47,629
Enrollment/Award Ratio	12.37	12.51	12.70	12.95	13.2
Public Universities					
Enrollment	466,965	474,797	479,442	501,828	517,286
Bachelor Degrees	62,312	62,857	63,426	66,059	67,468
Enrollment/Award Ratio	7.49	7.55	7.56	7.60	7.67

Based on this forecast, Texas will fall short of awarding the 59,000 associate's degrees and certificates and the 104,000 bachelor's degrees to achieve the *Closing the Gaps by 2015* success goal. However, these projections are based on current degree production trends and can improve as retention programs are implemented or improved at the institutions.



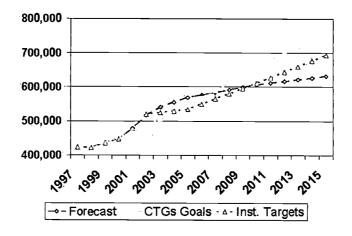
# Addendum Closing the Gaps in Participation and Success

Only 5 percent of the Texas population was enrolled in higher education in recent years, compared to a national average of 5.4 percent. In Texas, that difference represents 80,000 students. Within Texas, different racial and ethnic groups participate in higher education at different rates. In 2000, the Coordinating Board introduced a higher education plan, *Closing the Gaps by 2015*, including a goal to close the gaps in college participation rates between Texas and other states, and within Texas, while adding 500,000 more students. The success goal included increasing the number of degrees and certificates awarded by 50 percent by 2015.

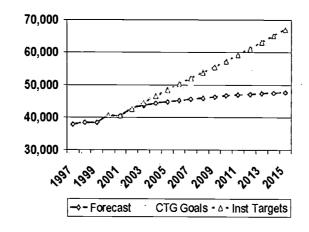
During 2001 all the public institutions were asked to submit individual institutional –level targets for these goals. Figures 3 thru 6 illustrate the differences in participation and award production between the *Closing the Gaps* targets, the institution-level targets, and the Coordinating Board projections based on current trends.

Figures 3 and 4

Public Two-Year Institution Participation



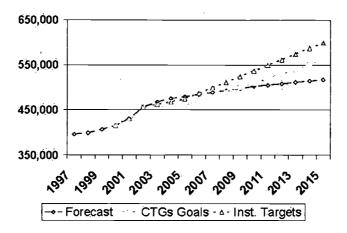
Public Two-Year Institution Associates and Certificates



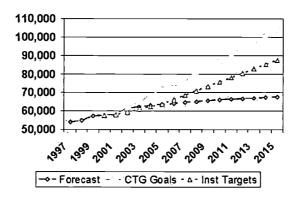


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Figures 5 and 6
Public University Participation



### Public University Bachelor's Degrees





# Appendix A Fall Continuing Education Enrollment Public Two-year Colleges

In fall 1996, the Texas Legislature began funding continuing education courses at the same rate as equivalent semester length courses at public community and technical colleges. At that time, the Coordinating Board began collecting more specific data on the continuing education courses.

Because the state provides funding for these courses, a five-year summary of the number of students enrolled in these classes is included here. Table A-1 contains the fall quarter continuing education enrollments unduplicated with the semester length enrollments for fall 1997 through fall 2001 for each of the community and technical colleges.



Table A-1
Fall Continuing Education Enrollment
Public Two-year Colleges

	First Quarter 1997	First Quarter 1998	First Quarter 1999	First Quarter 2000	First Quarter 2001
Alamo CCD Northwest Vista	0	Ŋ	4	29	47
Alamo CCD Palo Alto College	205	455	453	491	334
Alamo CCD San Antonio College	1,858	2,101	1,798	1,872	1,856
Alamo CCD St. Philip's College	398	343	418	975	516
Alvin Community College	485	610	191	872	969
Amarillo College	5,280	7,213	7,496	8,245	7,692
Angelina College	1,996	1,729	1,455	1,087	1,138
Austin Community College	1,582	1,837	1,558	2,177	2,070
Blinn College	229	893	942	555	610
Brazosport College	363	261	220	356	239
Central Texas College District	2,557	2,309	1,452	1,592	1,590
Cisco Junior College	53	77	71	89	136
Clarendon College	135	179	141	102	47
Coastal Bend College	257	518	548	409	431
College of the Mainland	1,350	1,124	1,124	1,193	2,236
Collin County Community College District	3,854	3,921	4,603	4,517	4,604
DCCCD Brookhaven College	3,161	3,528	2,520	2,711	2,690
DCCCD Cedar Valley College	949	950	735	692	873
DCCCD Eastfield College	1,882	1,637	1,309	1,301	1,396
DCCCD El Centro College	2,217	3,233	2,728	3,776	3,514
DCCCD Mountain View College	1,645	1,860	1,593	1,824	1,443
DCCCD North Lake College	2,273	2,384	1,948	2,356	3,201
DCCCD Richland College	4,400	3,744	4,117	4,682	4,024
Del Mar College	2,174	2,359	2,161	1,746	2,090



	First	First	First	First	First
	Quarter 1997	Quarter 1998	Quarter 1999	Quarter 2000	Quarter 2001
El Paso Community College District	3,469	3,584	4,125	4,305	3,933
Frank Phillips College	519	1,461	1,121	1,305	1,231
Galveston College	622	773	763	819	349
Grayson County College	981	849	749	775	842
Hill College	116	226	189	422	335
Houston Community College District	5,357	3,822	3,945	6,778	8,111
Howard College at Big Spring	1,618	2,032	2,305	2,490	2,374
Kilgore College	1,837	2,399	1,820	2,892	2,614
Lamar University Institute of Technology	300	196	271	624	245
Lamar University-Orange	103	44	17	20	15
Lamar University-Port Arthur	177	297	163	167	209
Laredo Community College	945	1,180	1,160	1,482	1,153
Lee College	436	439	447	471	432
McLennan Community College	824	1,081	1,146	941	915
Midland College	804	1,404	1,013	1,106	1,698
Navarro College	868	1,057	266	1,333	854
North Central Texas College	495	219	231	266	121
NHMCC Kingwood	722	699	620	732	486
NHMCC Montgomery	808	724	844	652	547
NHMCC North Harris	1,207	1,299	1,509	1,411	1,784
NHMCC Tomball	2,252	365	439	922	869
Northeast Texas Community College	474	381	309	238	236
Odessa College	1,053	1,570	1,104	1,829	1,699
Panola College	201	219	196	293	191
Paris Junior College	1,113	837	911	747	838
Ranger Junior College	53	26	85	71	62
San Jacinto College-Central Campus	1,401	1,776	1,680	2,011	1,547
San Jacinto College-North Campus	671	745	655	841	792



	First	First	First	First	First
	Quarter	Quarter	Quarter	Quarter	Quarter
	1997	1998	1999	2000	2001
					:
San Jacinto College-South Campus	663	417	478	803	811
South Plains College	850	929	374	652	841
South Texas Community College	979	340	361	704	599
Southwest Collegiate Institute of the Deaf	2	7	0	0	0
Southwest Texas Junior College	168	314	383	245	207
Tarrant County-Northeast Campus	1,091	1,116	981	1,188	887
Tarrant County-Northwest Campus	895	2,232	1,393	1,383	1,166
Tarrant County-South Campus	1,524	1,660	1,436	1,580	1,563
Tarrant County-Southeast Campus	361	552	527	665	637
Temple Junior College	126	286	230	410	328
Texarkana College	1,412	1,670	1,527	1,864	1,795
Texas Southmost College	339	730	703	753	439
Trinity Valley Community College	327	238	282	782	887
Tyler Junior College	1,461	1,555	1,531	1,822	1,741
Vernon Regional Junior College	872	876	1,408	1,516	1,323
Victoria College, The	1,142	962	1,113	1,223	938
Weatherford College	549	523	498	609	1,585
Western Texas College	334	615	443	683	585.
Wharton County Junior College	996	911	721	828	780
Statewide Community Colleges Total	83,153	88,570	83,317	98,620	96,083
Texas State Technical College-Harlingen	523	486	424	502	235
Texas State Technical College-Marshall	0	0	0	7	7
Texas State Technical College-Waco	32	69	22	49	38
Texas State Technical College-West Texas	520	312	131	687	117
Statewide TSTC Total	1,075	867	211	1,249	397



Related reports available from the Texas Higher Education Coordinating Board, Division of Planning and Information Resources:

- Closing the Gaps by 2015, Texas Higher Education Plan, approved 2000
- Closing the Gaps by 2015: 2002 Progress Report, July 2002
- Regional Plan for Texas Higher Education, October 2002

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